

**Draft Environmental Impact Statement for
U.S. Department of State
Foreign Affairs Security Training Center
Nottoway County, Virginia
October 2012
Appendices**



Prepared by: United States General Services Administration

In cooperation with: United States Department of State
United States Army Corps of Engineers
United States Environmental Protection Agency
United States National Guard Bureau

**Draft Environmental Impact Statement for
Foreign Affairs Security Training Center
Nottoway County, Virginia**

October 2012

VOLUME II

APPENDICES

List of Appendices

Appendix A Notice of Intent	A-1
Appendix B Site Evaluation Process	B-1
Appendix C Correspondence.....	C-1
Appendix D Species List	D-1
Appendix E NHPA Correspondence	E-1
Appendix F Cultural Resources Surveys	F-1
Appendix G Environmental Noise Assessment	G-1
Appendix H Traffic Impact Analysis.....	H-1
Appendix I Air Quality Analysis	I-1
Appendix J Economic and Fiscal Impact Analysis	J-1

**APPENDIX A
NOTICE OF INTENT**

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Manhattan, N.A., both in El Segundo, California.

Board of Governors of the Federal Reserve System, September 29, 2011.

Robert deV. Frierson,

Deputy Secretary of the Board.

[FR Doc. 2011-25514 Filed 10-3-11; 8:45 am]

BILLING CODE 6210-01-P

GENERAL SERVICES ADMINISTRATION

[Notice-R03-2011-01; Docket 2011-0006; Sequence 18]

Notice of Intent To Prepare an Environmental Impact Statement for the Foreign Affairs Security Training Center (FASTC) and To Announce Public Scoping Meetings

AGENCY: U.S. General Services Administration (GSA).

ACTION: Notice.

SUMMARY: Pursuant to the National Environmental Policy Act (NEPA) of 1969, as implemented by the Council on Environmental Quality regulations (40 Code of Federal Regulations [CFR] parts 1500-1508), the GSA announces its intent to prepare an Environmental Impact Statement (EIS) to analyze and assess the environmental impacts of site acquisition and development of the United States Department of State (DOS), Bureau of Diplomatic Security, the Foreign Affairs Security Training Center (FASTC) at the Virginia Army National Guard's Maneuver Training Center at Fort Pickett and Pickett Park in Nottoway County, Virginia. DOS, United States Army Corps of Engineers, United States Environmental Protection Agency and National Guard Bureau are cooperating agencies in this EIS.

DATES: A public scoping meeting in open house format will be held on October 18, 2011 from 6:30 p.m. to 8:30 p.m. to provide the public with an opportunity to provide comments, ask questions, and discuss concerns regarding the scope of the EIS with GSA and DOS representatives.

ADDRESSES: GSA will hold a public scoping meeting at the Blackstone Armory, 1008 Darvills Rd., Blackstone, VA 23824 from 6:30 p.m. to 8:30 p.m.

Written comments concerning the scope of the EIS may be mailed to Abigail Low, GSA Project Manager, 20 N 8th Street, Philadelphia, PA 19107, via e-mail to FASTC.info@gsa.gov. More detailed information on the FASTC program is available at <http://www.state.gov/recovery/fastc>.

FOR FURTHER INFORMATION CONTACT: Abigail Low, GSA Project Manager; 20

N 8th Street, Philadelphia, PA 19107 (215) 446-4815, FASTC.info@gsa.gov.

SUPPLEMENTARY INFORMATION:

Background: The purpose of the proposed FASTC at Fort Pickett is to consolidate existing dispersed training functions into a single suitable location to improve training efficiency and enhance training operations. The proposed FASTC is needed to establish a facility from which DOS Bureau of Diplomatic Security may conduct a wide array of law enforcement and security training to meet the increased demand for well trained personnel.

The proposed FASTC is expected to train 8,000-10,000 students per year and include both hard skills training, such as driving tracks, firing ranges, mock urban environmental, and explosives ranges; soft skills training, such as classrooms, simulation labs, and a fitness center; and support facilities such as administrative offices, dormitories, a dining hall, and emergency response facilities.

During the initial planning process, GSA conducted a comprehensive site evaluation process that identified and evaluated 41 candidate sites in the vicinity of the Washington, DC area. GSA identified land at Fort Pickett and Pickett Park in Nottoway County, Virginia, as the only potentially suitable location for the proposed FASTC facility.

GSA is focusing the proposed development of the FASTC on two adjacent available parcels, an approximately 750 acre Fort Pickett Local Reuse Authority (LRA) parcel 9 owned by Nottoway County, and an approximately 900 acre Virginia Army National Guard parcel referred to as Maneuver Area 21/20. The proposed project would be constructed in phases.

Possible action alternatives that will be evaluated in the EIS are alternative layouts for construction of facilities for hard skills training, soft skills training, life support and infrastructure on the LRA parcel 9 and 21/20 parcels at Fort Pickett. A "No Action Alternative", in which DOS would continue their training programs as currently conducted without constructing FASTC, will also be evaluated.

Resource areas to be addressed in the FASTC EIS will include, but not be limited to: air quality, noise, land use, socioeconomic, traffic, infrastructure and community services, natural resources, biological resources, cultural resources and safety and environmental hazards. The analysis will evaluate direct, indirect and cumulative impacts. Relevant and reasonable measures that could avoid or mitigate environmental

effects will also be analyzed. Additionally, GSA will undertake any consultations required by applicable laws or regulations, including the National Historic Preservation Act.

This notice announces the initiation of the scoping process to identify community concerns and issues that should be addressed in the FASTC EIS. Federal, state, local agency representatives and interested parties or persons are encouraged to provide comments on the proposed action during the 30-day scoping period October 4, 2011 through November 3, 2011. These comments should clearly describe specific issues or topics of environmental concern that the commenter believes GSA should consider.

No decision will be made to implement any alternative until the NEPA process is completed and a Record of Decision is signed.

Dated: September 22, 2011.

Leonard Purzycki,

Director, Facilities Management & Services Programs, U.S. GSA, Mid-Atlantic Region.

[FR Doc. 2011-25458 Filed 10-3-11; 8:45 am]

BILLING CODE 6820-AE-P

DEPARTMENT OF HEALTH AND HUMAN SERVICE

Office of the Secretary

Agency Information Collection Activities: Proposed Collection; Comment Request; Generic Clearance for the Collection of Qualitative Feedback on Agency Service Delivery

AGENCY: Office of the Secretary, Office of the National Coordinator for Health Information Technology (ONC), HHS.

ACTION: 30-Day notice of submission of information collection approval from the Office of Management and Budget and request for comments.

SUMMARY: As part of a Federal Government-wide effort to streamline the process to seek feedback from the public on service delivery, the Office of the Secretary, Office of the National Coordinator for Health Information Technology (ONC), HHS has submitted a Generic Information Collection Request (Generic ICR): "Generic Clearance for the Collection of Qualitative Feedback on Agency Service Delivery" to OMB for approval under the *Paperwork Reduction Act* (PRA) (44 U.S.C. 3501 *et. seq.*).

DATES: Comments must be submitted November 3, 2011.

ADDRESSES: Written comments may be submitted to

EIS NOI Newspaper Ad

U.S. General Services Administration Invites You to a Public Scoping Meeting on the Foreign Affairs Security Training Center Environmental Impact Statement

The U.S. General Services Administration (GSA) will prepare an Environmental Impact Statement (EIS) in accordance with the National Environmental Policy Act of 1969 (as implemented by the Council on Environmental Quality Regulations [40 Code of Federal Regulations (CFR) Parts 1500-1508]) and the National Historic Preservation Act (36 CFR PART 800). The EIS will analyze and assess the environmental impacts of site acquisition and development of the U.S. Department of State (DOS), Bureau of Diplomatic Security, Foreign Affairs Security Training Center (FASTC) on two adjacent parcels at the Virginia Army National Guard's Maneuver Training Center at Fort Pickett and Nottoway County's Pickett Park in Nottoway County, Virginia. The impact analysis has not yet started, and no decisions about the proposal have been made. Possible alternative site layouts for the program and taking no action on the proposal will be evaluated in the EIS. The proposed FASTC is expected to train 8,000-10,000 students per year and includes driving tracks, firing ranges, mock urban environments, explosives ranges, classrooms, simulation labs, a fitness center, administrative offices, dormitories, a dining hall, and emergency response facilities.

GSA is initiating a scoping process to identify community concerns and local issues that will be addressed in the EIS. As part of the public participation process, GSA plans to hold a **public scoping meeting** to obtain input from the public on what should be studied in the EIS. The meeting will be conducted using an open house format with informational displays and materials available for public review. There will be no formal presentations. GSA and DOS staff will be present at the open house to answer general questions on the FASTC proposal and the EIS process, and to listen to your concerns. Please attend at your convenience **anytime between 6:30 p.m. and 8:30 p.m.**

Tuesday, October 18, 2011

**Blackstone Armory
1008 Darvills Road
Blackstone, VA 23824**

More information on the FASTC program is available at <http://www.state.gov/recovery/fastc>. During the 30-day scoping period from October 4, 2011 through November 3, 2011, the public can provide comments in three ways: 1) provide written comments at the scoping meeting, 2) submit comments via email to FASTC.info@gsa.gov, or 3) mail comments to: Ms. Abigail Low, GSA Project Manager, 20 N 8th Street, Philadelphia, PA 19107. **Please submit all comments by November 3, 2011** to ensure they are considered during preparation of the Draft EIS.

APPENDIX B
SITE EVALUATION PROCESS

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FASTC Site Evaluation

**Step 1 and Step 2
5/9/2011**

This FASTC Site Evaluation was prepared for the General Services Administration and the Department of State by Gensler in consultation with Karn Charuhas Chapman & Twohey and TEC.

Contents

	Page
Site Evaluation Criteria	4
Step 1 Evaluation Summary	6
Step 2 Evaluation Summary	13
1. Fort Detrick	16
2. Blossom Point Research Facility	18
3. Brandywine Globecom Annex	20
4. NSWC Indian Head	22
5. Andrews Air Force Base	24
6. Fort Meade	26
7. NAS Patuxent River	28
8. Aberdeen Proving Ground	30
9. Beltsville Agricultural Research Center	32
10. FLETC	34
11. Ft. Ritchie	36
12. McGuire Air Force Base	38
13. Picatinny Arsenal	40
14. Lakehurst Naval Air Center	42
15. Warren Grove Range	44
16. Naval Weapons Station Earle	46
17. Fort Dix	48
18. Fort Indiantown Gap	50
19. Letterkenny Army Depot	52
20. Fort Story	56
21. NSF Dahlgren (Pumpkin Neck Annex)	58
22. NAS Oceana Dam Neck Fleet Training	60
23. Naval Amphibious Base Little Creek	62
24. NSA South Potomac	64
25. Naval Air Landing Field Fentress	66
26. Naval Station Norfolk	68
27. NSA Norfolk Annex	70
28. Langley Air Force Base	72
29. Fort Lee	74
30. Radford Army Ammunition Plant	76
31. Fort Eustis	78
32. Fort Belvoir	80
33. Camp Peary	82
34. Naval Weapon Station Yorktown	84
35. Fort Pickett ARNG MTC	86
36. Marine Corps Base Quantico	90
37. Fort A.P. Hill	92
38. Allegany Ballistics Lab	94
39. CTC Camp Dawson	96
40. National Conservation Training Center	98
41. Summit Point Raceway	100

Site Evaluation Process Summary

This document represents the results of two steps of site evaluation process for FASTC:

1. Identifying Candidate Sites
2. Evaluating Candidate Sites

Step 1: Identifying Candidate Sites

Sites were judged by the three mandatory and two relative criteria listed below.

Mandatory Criteria For Candidate Sites

PUBLIC OWNERSHIP

Properties must be federally owned or publicly held.

MINIMUM SIZE

Parcels must be a minimum of 1,500 acres and support FASTC program of requirements. Based on parcel(s) configuration and characteristics, the land area may need to be larger than 1,500 acres. Multiple parcel configurations can be considered.

24/7 OPERATION

The parcel location must not be located adjacent to any uses that would prohibit FASTC 24/7 operation due to noise and other potential impacts.

Relative Criteria for Candidate Sites

CLIMATE

DS currently schedules and conducts tactical training 50 weeks per year, with two weeks allocated for facility maintenance. The location's climate should be capable of supporting this training cycle. Characteristics of a supportive climate are as follows:

During the period of November through March (inclusive), the site's:

1. Average mean temperature is 35 degrees (F) or higher
2. Average total annual snowfall does not exceed 30 inches
3. Average total days of snow does not exceed 20 days (for entire period)
4. Average number of days on which the temperature falls below 32 (F) does not exceed 110 for entire period

During the period of June through August (inclusive), the site's

1. Average mean temperature of 82 degrees (F) or lower
2. Average number of days on which the temperature is higher than 90 degrees (F) not to exceed 65 for entire period

Sites that possess climate characteristics that conform to those listed above will receive more favorable consideration.

Data to evaluate these criteria were obtained using the almanac feature of www.myforecast.com.

PROXIMITY

The parcel should be within 4 hours drive time or 220 miles from the DoS/Diplomatic Security Headquarters (1801 N Lynn Street, Arlington VA). Sites closer to this location will receive more favorable consideration.

Data to evaluate these criteria were obtained using www.google.com/maps.

Step 2: Evaluating Candidate Sites

In order to evaluate the two mandatory and three relative criteria listed below, three evaluation activities were conducted:

1. Suitability Analysis based on review of available data
2. Site Visit
3. Test Fit

Sites were eliminated at the point it became evident that the mandatory criteria cannot be satisfied. Relative criteria were not evaluated as go/no-go but they help assess the potential success of the candidates for further consideration.

Mandatory Criteria for Evaluating Candidate Sites

SUFFICIENT DEVELOPABLE AREA

The property must contain sufficient developable area to support the FASTC mission and program of requirements. Suitability analysis should consider the following characteristics at a minimum: parcel configuration, topography, floodplains, wetlands, steep slopes, historic and cultural resources, transportation and access, availability of utilities, etc

COMPATIBLE SURROUNDINGS

The surrounding context must adequately buffered from FASTC 24/7 impacts. This may be accomplished by setbacks, compatible adjacent use, noise controls, or other methods.

Relative Criteria

EASE OF ACQUISITION

The quantity of parcels, any pre-existing restrictions or controls on the property's use or acquisition, as well as land costs all contribute to the ease of acquisition.

ACCESS TO LIFE SUPPORT / Level I trauma center/facility

The nearest life support / Level I trauma center/facility should be identified.

COMMUNITY SUPPORT and DEVELOPMENT CLIMATE

A preliminary assessment of local support or opposition for FASTC should be prepared.

Step 1 Evaluation Summary

1	2	3	4	5	6
Fort Detrick	Blossom Point Research Facility	Brandywine Globecom Annex	NSWC Indian Head	Andrews AFB	Fort Meade
Frederick, MD	Charles County, MD	Brandywine, MD	Indian Head, MD	Suitland, MD	Ft George Meade, MD

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP						
	Publicly Owned (Y/N)	Y	Y	Y	Y	Y	Y
	MINIMUM SIZE						
	Parcel(s) Sizes (Acres, 1,500+)	1,153	1,600	1,635	1,961	4,996	5,067
STEP 1: RELATIVE	24/7 OPERATION						
	Determination (Suitable, Y/N)	N	Y	N	Y	N	Y
	WEATHER (Temperature in Fahrenheit)						
	Mean Temperature, Winter (Degrees, 35+)	38.2	41.2	40.2	39.6	40.2	39.4
STEP 1: RELATIVE	Total Annual Snowfall (Inches, not to exceed 30)	23	15.98	21.08	21.58	21.08	18.01
	Total Days of Snow (Days, not to exceed 20)	12	6	10	10	10	12
	Days w/ <32 Deg Temps (Not to exceed 110)	105	81	80	95	80	92
	Mean Temperature, Summer (82 deg or less)	73.67	76.33	75.00	75.00	75.00	75.33
STEP 1: RELATIVE	Days w/90+ Deg Temps (Not to exceed 60)	24	28	20	22	20	25
	PROXIMITY						
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:02	1:18	0:39	1:02	0:33	0:49
	Distance from 1801 N. Lynn St. (Miles, less than 220)	48	44.4	21.8	34.7	15.3	27.5
DETERMINATION		NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

7	8	9	10	11	12
NAS Patuxent River	Aberdeen Proving Ground	Agricultural Research Center	FLETC	Ft. Ritchie	McGuire AFB
Patuxent River, MD	Aberdeen, MD	Beltsville, MD	Cheltenham, MD	Ft. Ritchie, MD	Browns Mills, NJ

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP						
	Publicly Owned (Y/N)	Y	Y	Y	Y	N	Y
	MINIMUM SIZE						
	Parcel(s) Sizes (Acres, 1,500+)	6,398	72,406	6,700	372	591	3,596
	24/7 OPERATION						
STEP 1: RELATIVE	Determination (Suitable, Y/N)	N	Y	N	Y	Y	N
	WEATHER (Temperature in Fahrenheit)						
	Mean Temperature, Winter (Degrees, 35+)	42.2	38	41.6	40.2	36.2	37.8
	Total Annual Snowfall (Inches, not to exceed 30)	15	19.96	17.96	21.09	35.03	21.4
	Total Days of Snow (Days, not to exceed 20)	6	11	8	10	19	12
	Days w/ <32 Deg Temps (Not to exceed 110)	65	95	70	80	100	95
	Mean Temperature, Summer (82 deg or less)	76.00	74.67	77.33	75.00	73.67	73.67
	Days w/90+ Deg Temps (Not to exceed 60)	18	17	28	20	18	16
	PROXIMITY						
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:44	1:47	0:38	0:36	1:37	3:42
	Distance from 1801 N. Lynn St. (Miles, less than 220)	66.2	78.1	23	18.8	72.5	193
	DETERMINATION	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE

13	14	15	16	17	18
Picatinny Arsenal	Lakehurst Naval Air Center	Warren Grove Range	Naval Weapons Station Earle	Fort Dix	Fort Indiantown Gap
Dover, NJ	Lakehurst, NJ	Barnegat, NJ	Colts Neck, NJ	Fort Dix, NJ	Jonestown, PA
		NJ	NJ	NJ	

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP						
	Publicly Owned (Y/N)	Y	Y	Y	Y	Y	Y
	MINIMUM SIZE						
	Parcel(s) Sizes (Acres, 1,500+)	6,493	7,408	9,416	11,134	30,636	17,222
	24/7 OPERATION						
	Determination (Suitable, Y/N)	Y	N	Y	Y	Y	Y

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)						
	Mean Temperature, Winter (Degrees, 35+)	37.8	37.8	37.8	37.8	37.8	36.2
	Total Annual Snowfall (Inches, not to exceed 30)	26.98	23	23	23	21.4	35.03
	Total Days of Snow (Days, not to exceed 20)	16	11	11	11	12	19
	Days w/ <32 Deg Temps (Not to exceed 110)	87	98	98	98	95	100
	Mean Temperature, Summer (82 deg or less)	75.00	72.67	72.67	72.67	73.67	73.67
	Days w/90+ Deg Temps (Not to exceed 60)	20	18	18	18	16	18
	PROXIMITY						
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	4:45	3:51	4:00	4:02	3:30	2:34
	Distance from 1801 N. Lynn St. (Miles, less than 220)	242	190	193	213	180	144

DETERMINATION	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE
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19	20	21	22	23	24
Letterkenny Army Depot	Fort Story	NSF Dahlgren (Pumpkin Neck Annex)	NAS Oceana Dam Neck Fleet Training Center	Naval Amphibious Base Little Creek	NSA South Potomac
Chambersburg, PA	Virginia Beach, VA			Norfolk, VA	Dahlgren, VA
					VA

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP						
	Publicly Owned (Y/N)	Y	Y	Y	Y	Y	Y
	MINIMUM SIZE						
	Parcel(s) Sizes (Acres, 1,500+)	18,668	1,451	1,641	1,100	2,120	2,677
	24/7 OPERATION						
STEP 1: RELATIVE	Determination (Suitable, Y/N)	Y	Y	Y	Y	Y	Y

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)						
	Mean Temperature, Winter (Degrees, 35+)	36.2	45.8	41.2	45.8	46.8	41.2
	Total Annual Snowfall (Inches, not to exceed 30)	35.03	6.96	15.98	6.96	6.96	15.98
	Total Days of Snow (Days, not to exceed 20)	19	2	6	2	2	6
	Days w/ <32 Deg Temps (Not to exceed 110)	100	51	81	51	40	81
	Mean Temperature, Summer (82 deg or less)	73.67	77.00	76.33	77.00	78.33	76.33
	Days w/90+ Deg Temps (Not to exceed 60)	18	22	28	22	28	28
	PROXIMITY						
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:51	3:41	1:20	3:48	3:25	1:20
	Distance from 1801 N. Lynn St. (Miles, less than 220)	95.1	200	54	209	190	54

DETERMINATION	CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE
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25	26	27	28	29	30
Naval Air Landing Field Fentress Chesapeake	NS Norfolk	NSA Norfolk Northwest Annex	Langley AFB	Fort Lee	Radford Army Ammunition Plant
Chesapeake, VA	Norfolk, VA	Chesapeake, VA	Hampton, VA	Fort Lee, VA	Radford, VA
VA	VA	VA	VA		

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP						
	Publicly Owned (Y/N)	Y	Y	Y	Y	Y	Y
	MINIMUM SIZE						
	Parcel(s) Sizes (Acres, 1,500+)	2,763	3,588	3,798	3,987	5,912	6,902
	24/7 OPERATION						
	Determination (Suitable, Y/N)	N	N	Y	N	Y	Y

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)						
	Mean Temperature, Winter (Degrees, 35+)	45.8	46.8	45.8	45.2	43.4	41.2
	Total Annual Snowfall (Inches, not to exceed 30)	6.96	6.96	6.96	12.74	14.02	25.06
	Total Days of Snow (Days, not to exceed 20)	2	2	2	8	6	11
	Days w/ <32 Deg Temps (Not to exceed 110)	51	40	51	39.31	78	85
	Mean Temperature, Summer (82 deg or less)	77.00	78.33	77.00	77.33	75.67	74.33
	Days w/90+ Deg Temps (Not to exceed 60)	22	28	22	23	32	27
	PROXIMITY						
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	3:49	3:24	3:54	3:12	2:30	4:42
	Distance from 1801 N. Lynn St. (Miles, less than 220)	213	190	220	176	134	227

DETERMINATION

NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE
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31	32	33	34	35	36
Fort Eustis	Fort Belvoir	Camp Peary (non-CNIC)	NWS Yorktown	Fort Pickett, ARNG MTC	MCB Quantico
Newport News, VA	Ft. Belvoir, VA	Williamsburg, VA	Yorktown, VA	Blackstone, VA	Quantico, VA

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP					
	Publicly Owned (Y/N)	Y	Y	Y	Y	Y
	MINIMUM SIZE					
	Parcel(s) Sizes (Acres, 1,500+)	8,249	8,670	9,276	10,637	41,595
	24/7 OPERATION					
STEP 1: MANDATORY	Determination (Suitable, Y/N)	Y	Y	Y	Y	Y

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)					
	Mean Temperature, Winter (Degrees, 35+)	45.4	39.6	45.4	45.4	43.4
	Total Annual Snowfall (Inches, not to exceed 30)	8.9	21.58	8.9	8.9	14.02
	Total Days of Snow (Days, not to exceed 20)	6	10	6	6	6
	Days w/ <32 Deg Temps (Not to exceed 110)	49	95	49	49	78
	Mean Temperature, Summer (82 deg or less)	77.33	75.00	77.33	77.33	76.67
	Days w/90+ Deg Temps (Not to exceed 60)	20	22	20	20	32
	PROXIMITY					
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	2:57	0:31	2:49	2:58	3:15
	Distance from 1801 N. Lynn St. (Miles, less than 220)	163	16.5	151	160	164

DETERMINATION	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	CANDIDATE	NOT A CANDIDATE
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37	38	39	40	41
Fort AP Hill	Allegany Ballistics Lab	CTC Camp Dawson	National Conservation Training Center	Summit Point Raceway
Bowling Green, VA	Rocket Center, WV	Kingwood, WV	Shepherdstown, WV	Summit Point, WV

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP					
	Publicly Owned (Y/N)	Y	Y	N	Y	N
	MINIMUM SIZE					
	Parcel(s) Sizes (Acres, 1,500+)	75,873	1,785	3,302	538	1,250
	24/7 OPERATION					
	Determination (Suitable, Y/N)	Y	N	Y	Y	Y

STEP 1: RELATIVE

WEATHER (Temperature in Fahrenheit)					
Mean Temperature, Winter (Degrees, 35+)	41.2	34.8	34.8	38.2	38.2
Total Annual Snowfall (Inches, not to exceed 30)	13.88	65.99	65.99	23	23
Total Days of Snow (Days, not to exceed 20)	6	45	45	12	12
Days w/ <32 Deg Temps (Not to exceed 110)	81	146	146	105	105
Mean Temperature, Summer (82 deg or less)	76.33	67.67	67.67	73.67	73.67
Days w/90+ Deg Temps (Not to exceed 60)	28	2	2	24	24
PROXIMITY					
Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:44	2:51	3:48	1:43	1:19
Distance from 1801 N. Lynn St. (Miles, less than 220)	81.8	145	185	75.2	71.5

DETERMINATION

NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE	NOT A CANDIDATE
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At the conclusion of Step 1, two Candidate Sites were identified:

- Letterkenny Army Depot + Scotland School for Veterans Children
- Fort Pickett ARNG MTC

Step 2 Evaluation Summary





	16	35
Candidate Sites:	Letterkenny Army Depot	Fort Pickett, ARNG MTC

Step 2

STEP 2: MANDATORY	DEVELOPABLE AREA		
	The property must contain sufficient developable area to support the FASTC mission and program of requirements. Suitability analysis should consider the following characteristics at a minimum: parcel configuration, topography, floodplains, wetlands, steep slopes, historic and cultural resources, transportation and access, availability of utilities, etc (Y/N)	N	Y
	COMPATIBLE SURROUNDINGS		
	The surrounding context must adequately buffered from FASTC 24/7 impacts. This may be accomplished by setbacks, compatible adjacent use, noise controls, or other methods.	N	Y
STEP 2: RELATIVE	EASE OF ACQUISITION		
	The quantity of parcels, any pre-existing restrictions or controls on the property's use or acquisition, as well as land costs all contribute to the ease of acquisition.	Y	Y
	ACCESS TO LIFE SUPPORT		
	The nearest life support / Level I trauma center/facility should be identified.	Y	Y
STEP 2: RELATIVE	COMMUNITY SUPPORT and DEVELOPMENT CLIMATE		
	A preliminary assessment of local support or opposition for FASTC should be prepared.	Y	Y
DETERMINATION		DOES NOT MEET STEP 2 REQ'S	MEETS STEP 2 REQ's

At the conclusion of Step 2, it was determined:

- Letterkenny Army Depot + Scotland School for Veterans Children does not meet Step 2 criteria.
- Fort Pickett ARNG MTC does meet step 2 criteria

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

Non-Candidate* Sites:

8

39

Aberdeen
Proving Ground





CTC Camp
Dawson

Step 2

STEP 2: MANDATORY	DEVELOPABLE AREA		
	The property must contain sufficient developable area to support the FASTC mission and program of requirements. Suitability analysis should consider the following characteristics at a minimum: parcel configuration, topography, floodplains, wetlands, steep slopes, historic and cultural resources, transportation and access, availability of utilities, etc (Y/N)	N	N
	COMPATIBLE SURROUNDINGS		
	The surrounding context must adequately buffered from FASTC 24/7 impacts. This may be accomplished by setbacks, compatible adjacent use, noise controls, or other methods.	N	Y
STEP 2: RELATIVE	EASE OF ACQUISITION		
	The quantity of parcels, any pre-existing restrictions or controls on the property's use or acquisition, as well as land costs all contribute to the ease of acquisition.	N	N
	ACCESS TO LIFE SUPPORT		
	The nearest life support / Level I trauma center/facility should be identified.	Y	Y
	COMMUNITY SUPPORT and DEVELOPMENT CLIMATE		
	A preliminary assessment of local support or opposition for FASTC should be prepared.		

*Note:

These sites did not meet Step 1 mandatory criteria and were not considered Candidate sites. However, test fits were performed in response to specific requests from Congressional delegations.

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

Site Evaluation Details

1. Fort Detrick



No Scale

1

Fort Detrick

Frederick, MD

Comments/Search Input

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	1,153	Entire facility is 1,153 acres, which is insufficient.
STEP 1: MANDATORY	24/7 OPERATION		
	Determination (Suitable, Y/N)	N	Surrounded by development; adjacent to Frederick, MD

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Frederick, MD
	Mean Temperature, Winter (Degrees, 35+)	38.2	
	Total Annual Snowfall (Inches, not to exceed 30)	23	
	Total Days of Snow (Days, not to exceed 20)	12	
	Days w/ <32 Deg Temps (Not to exceed 110)	105	
	Mean Temperature, Summer (82 deg or less)	73.67	
	Days w/90+ Deg Temps (Not to exceed 60)	24	
	PROXIMITY		Fort Detrick, Frederick, MD
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:02	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	48	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size
24/7 Operation

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

2. Blossom Point Research Facility



No Scale

2

Blossom Point Research Facility
 Charles County, MD





Comments/Search Input

Step 1

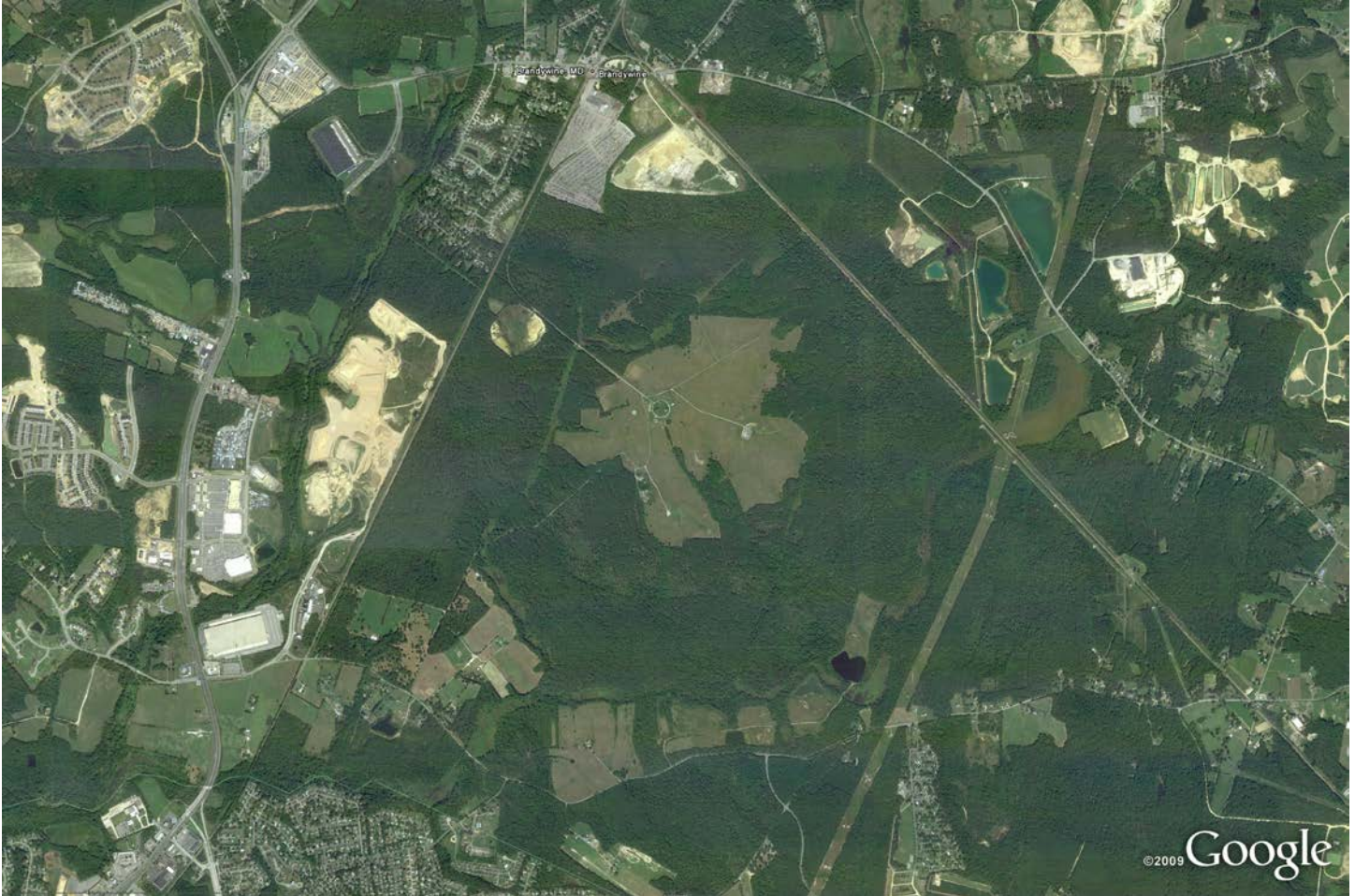
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	1,600	Per contact with Bob Webb, Realty Specialist; no space available on this 1600 acre base, this is a testing facility; 4/12/2010
STEP 1: MANDATORY	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is located on a peninsula.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Compton, Charles Co., MD	
	Mean Temperature, Winter (Degrees, 35+)	41.2	
	Total Annual Snowfall (Inches, not to exceed 30)	15.98	
	Total Days of Snow (Days, not to exceed 20)	6	
	Days w/ <32 Deg Temps (Not to exceed 110)	81	
	Mean Temperature, Summer (82 deg or less)	76.33	
	Days w/90+ Deg Temps (Not to exceed 60)	28	
	PROXIMITY	38°25'25"N 77°5'25"W	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:18	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	44.4	

DETERMINATION**NOT A CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

3. Brandywine Globecom Annex



No Scale

3

Brandywine Globecom Annex

Brandywine, MD

Comments/Search Input

Step 1

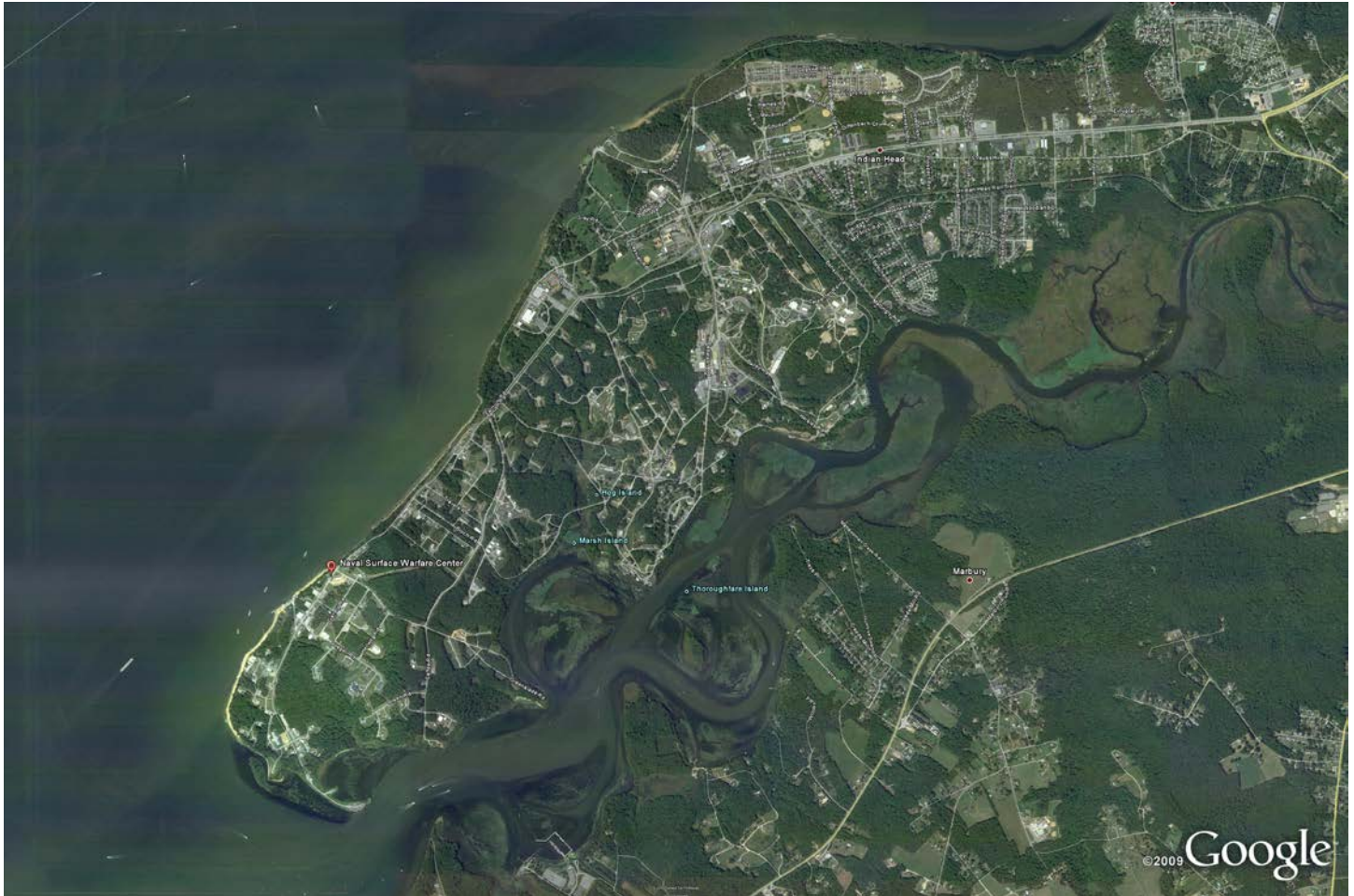
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	1,635	Brandywine Globecom is a secure communications facility with 1,635 acres. It is not expected to yield 1,500 acres for FASTC.
STEP 1: MANDATORY	24/7 OPERATION		
	Determination (Suitable, Y/N)	N	1,600 acre site is adjacent to 2 towns (Brandywine, Waldorf). No room for buffer.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Brandywine, MD
	Mean Temperature, Winter (Degrees, 35+)	40.2	
	Total Annual Snowfall (Inches, not to exceed 30)	21.08	
	Total Days of Snow (Days, not to exceed 20)	10	
	Days w/ <32 Deg Temps (Not to exceed 110)	80	
	Mean Temperature, Summer (82 deg or less)	75.00	
	Days w/90+ Deg Temps (Not to exceed 60)	20	
	PROXIMITY		Ice Plant Rd & Brandywine Rd, Brandywine, MD
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	0:39	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	21.8	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum size
24/7 operation

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

4. NSWC Indian Head



No Scale

4

NSWC Indian Head

Indian Head, MD

Comments/Search Input

Step 1

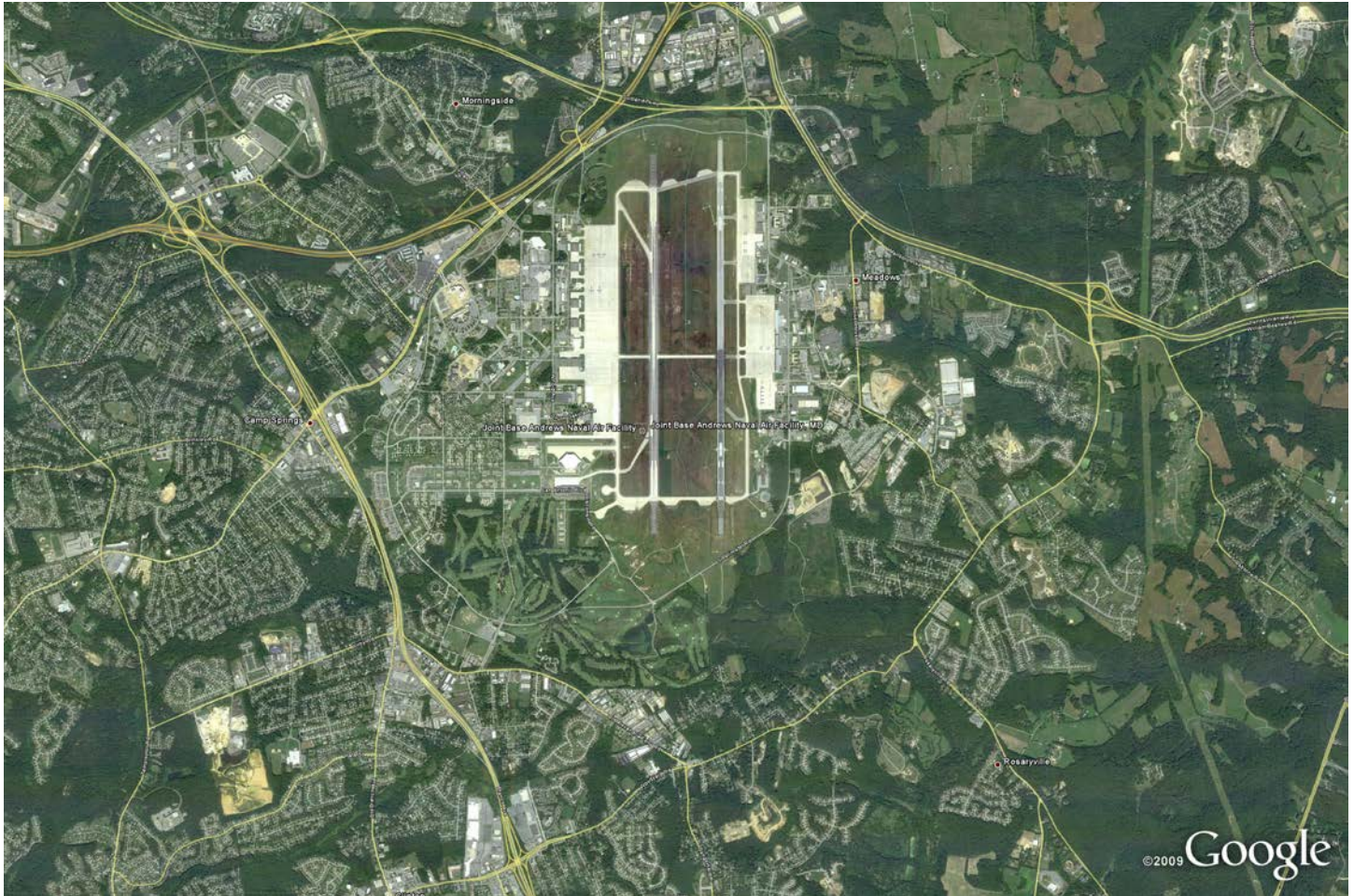
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	1,961	Active facility on a 1,961 acre parcel is not expected to yield 1,500 acres for FASTC.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is located on a peninsula, NSWC is removed from intense development.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Indian Head, MD
	Mean Temperature, Winter (Degrees, 35+)	39.6	
	Total Annual Snowfall (Inches, not to exceed 30)	21.58	
	Total Days of Snow (Days, not to exceed 20)	10	
	Days w/ <32 Deg Temps (Not to exceed 110)	95	
	Mean Temperature, Summer (82 deg or less)	75.00	
	Days w/90+ Deg Temps (Not to exceed 60)	22	
	PROXIMITY		101 Strauss Avenue Indian Head, MD 20640-5035
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:02	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	34.7	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

5. Andrews Air Force Base



5

Andrews AFB

Suitland, MD





Comments/Search Input

Step 1

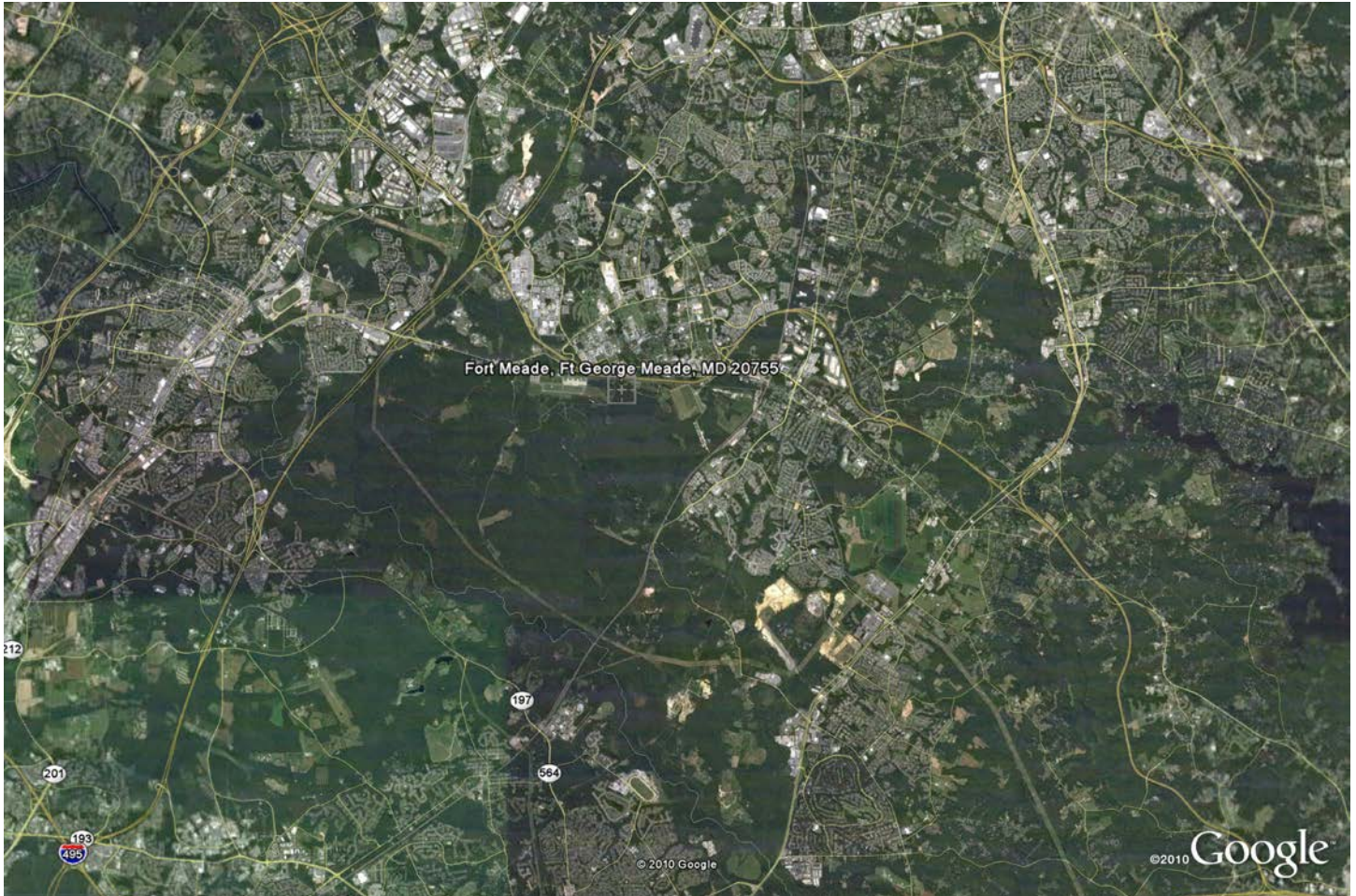
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	4,996	Joint Base Andrews Naval Air Facility Washington is home to the Presidential Airlift Group. The densely developed base is frequently used by the President, congressional delegations, foreign heads of state, etc. It is not expected that there would be adequate area for FASTC.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	N	The majority of the base is surrounded by suburban development. Active air base operations would cause conflicts with 24/7 FASTC operation.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Suitland, MD	
	Mean Temperature, Winter (Degrees, 35+)	40.2	
	Total Annual Snowfall (Inches, not to exceed 30)	21.08	
	Total Days of Snow (Days, not to exceed 20)	10	
	Days w/ <32 Deg Temps (Not to exceed 110)	80	
	Mean Temperature, Summer (82 deg or less)	75.00	
	Days w/90+ Deg Temps (Not to exceed 60)	20	
	PROXIMITY	Andrews Air Force Base, MD	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	0:33	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	15.3	

DETERMINATION**NOT A CANDIDATE**Fails Mandatory Criteria:
Minimum Size
24/7 Operation

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

6. Fort Meade



No Scale

6

Fort Meade

Ft George Meade, MD





Comments/Search Input

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	5,067	3/23/10 contact with Robert Penn of USACE. A 540 acres parcel was identified with development and environmental issues. The parcel size offered by USACE does not meet DOS needs.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is surrounded by undeveloped land on most of its border. Portions of the site abut suburban development.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Ft Meade, MD	
	Mean Temperature, Winter (Degrees, 35+)	39.4	
	Total Annual Snowfall (Inches, not to exceed 30)	18.01	
	Total Days of Snow (Days, not to exceed 20)	12	
	Days w/ <32 Deg Temps (Not to exceed 110)	92	
	Mean Temperature, Summer (82 deg or less)	75.33	
	Days w/90+ Deg Temps (Not to exceed 60)	25	
	PROXIMITY	Ft George G. Meade, MD	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	0:49	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	27.5	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

7. NAS Patuxent River



7

NAS Patuxent River

Patuxent River, MD





Comments/Search Input

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	6,398	The BRAC process recommended that this 6,398 acre base gain operations. More than \$155 million in Military Construction has been completed for new engineering complexes and renovation of existing facilities. As a result, it is not expected that there would be adequate area for FASTC.
STEP 1: MANDATORY	24/7 OPERATION		
	Determination (Suitable, Y/N)	N	Active air base operations would cause conflicts with 24/7 FASTC operation.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Patuxent River, MD	
	Mean Temperature, Winter (Degrees, 35+)	42.2	
	Total Annual Snowfall (Inches, not to exceed 30)	15	
	Total Days of Snow (Days, not to exceed 20)	6	
	Days w/ <32 Deg Temps (Not to exceed 110)	65	
	Mean Temperature, Summer (82 deg or less)	76.00	
	Days w/90+ Deg Temps (Not to exceed 60)	18	
	PROXIMITY	NAS Patuxent River, Patuxent River, MD	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:44	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	66.2	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size
24/7 Operation

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

8. Aberdeen Proving Ground



No Scale

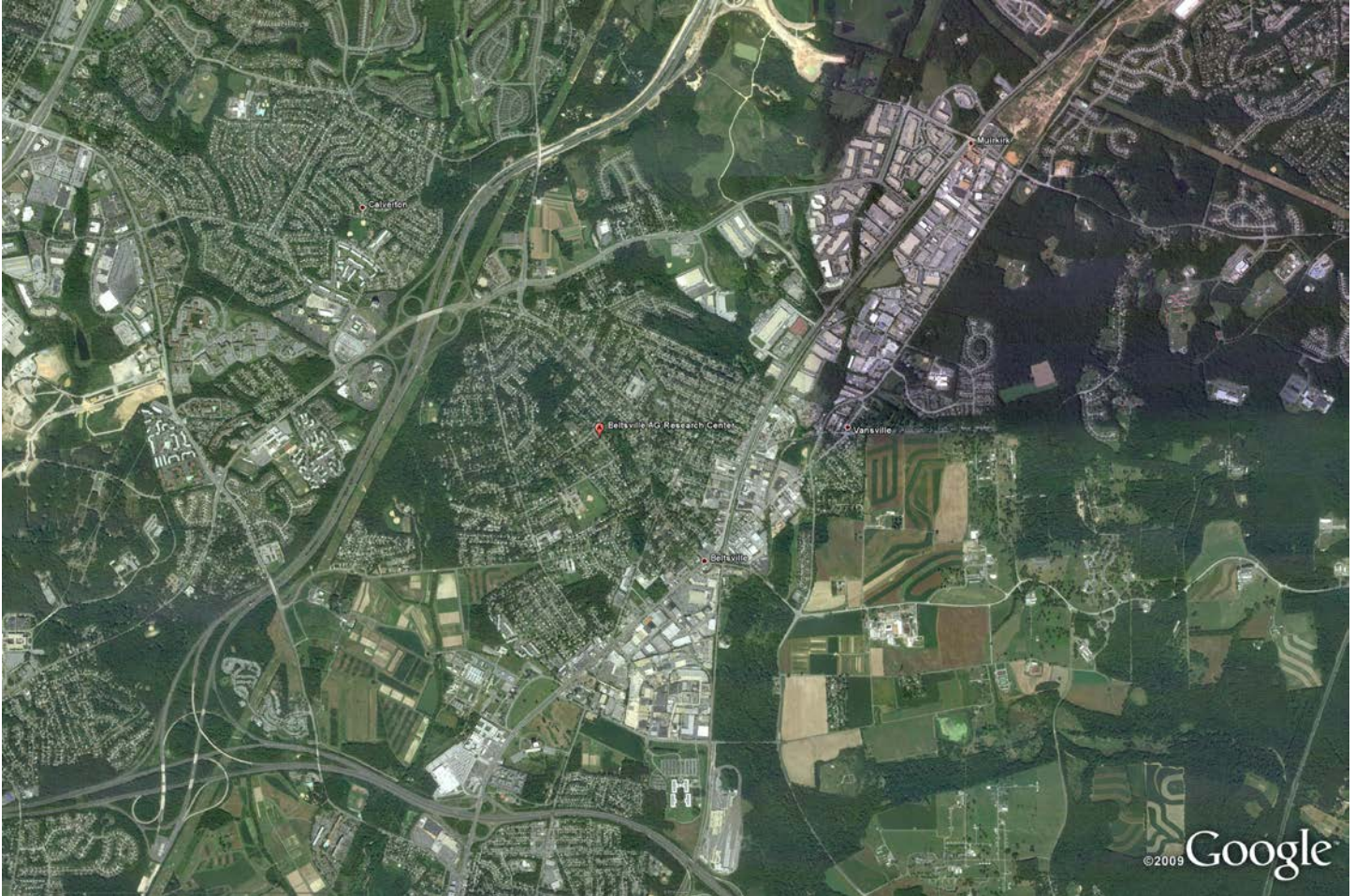
***Note:**

This site did not meet Step 1 mandatory criteria and was not considered a Candidate site. However, test fits were performed in response to specific requests from Congressional delegations.

Step 1		Aberdeen Proving Ground	
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	72,406	Per contact with Colonel Orland Ortiz 4/12/2010, only 650 acres available. This is insufficient for FASTC.
STEP 1: RELATIVE	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	The base is located on a peninsula. Suburban residential development occurs adjacent to approx. 10% of APG.
	WEATHER (Temperature in Fahrenheit)		Aberdeen, MD
	Mean Temperature, Winter (Degrees, 35+)	38	
	Total Annual Snowfall (Inches, not to exceed 30)	19.96	
	Total Days of Snow (Days, not to exceed 20)	11	
	Days w/ <32 Deg Temps (Not to exceed 110)	95	
	Mean Temperature, Summer (82 deg or less)	74.67	
	Days w/90+ Deg Temps (Not to exceed 60)	17	
	PROXIMITY		Aberdeen Proving Ground, MD
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:47	2:30 in traffic
	Distance from 1801 N. Lynn St. (Miles, less than 220)	78.1	
DETERMINATION		NOT A CANDIDATE	Fails Mandatory Criteria: Minimum Size
Step 2			
STEP 2: MANDATORY	DEVELOPABLE AREA		
	The property must contain sufficient developable area to support the FASTC mission and program of requirements. Suitability analysis should consider the following characteristics at a minimum: parcel configuration, topography, floodplains, wetlands, steep slopes, historic and cultural resources, transportation and access, availability of utilities, etc	N	Environmental buffers significantly reduce the amount of developable land.
	COMPATIBLE SURROUNDINGS		
	The surrounding context must adequately buffered from FASTC 24/7 impacts. This may be accomplished by setbacks, compatible adjacent use, noise controls, or other methods.	N	Usable site directly adjacent to residential development.
STEP 2: RELATIVE	EASE OF ACQUISITION		
	The quantity of parcels, any pre-existing restrictions or controls on the property's use or acquisition, as well as land costs all contribute to the ease of acquisition.	N	Insufficient available land.
	ACCESS TO LIFE SUPPORT		
	The nearest life support / Level I trauma center/facility should be identified.	Y	Johns Hopkins Hospital Adult Trauma Center (Baltimore, MD) - 43 miles away
	CLIMATE		
	A preliminary assessment of local support or opposition for FASTC should be prepared.		

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

9. Beltsville Agricultural Research Center



No Scale

Agricultural Research Center Beltsville, MD

Step 1





STEP 1: MANDATORY	PUBLIC OWNERSHIP	
	Publicly Owned (Y/N)	Y
	MINIMUM SIZE	
	Parcel(s) Sizes (Acres, 1,500+)	6,700 Per contact with Ed Reilly and Stephanie Basham of USDA ARS, all of the developable land in Beltsville contains either buildings, parking, or is used directly for agricultural research.
STEP 1: MANDATORY	24/7 OPERATION	
	Determination (Suitable, Y/N)	N The area surrounding the campus is densely-populated suburbs.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Beltsville, MD
	Mean Temperature, Winter (Degrees, 35+)	41.6	
	Total Annual Snowfall (Inches, not to exceed 30)	17.96	
	Total Days of Snow (Days, not to exceed 20)	8	
	Days w/ <32 Deg Temps (Not to exceed 110)	70	
	Mean Temperature, Summer (82 deg or less)	77.33	
	Days w/90+ Deg Temps (Not to exceed 60)	28	
	PROXIMITY		302 Powder Mill Rd # Barc-E, Beltsville, MD 20705 (Beltsville AG Research Center)
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	0:38	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	23	

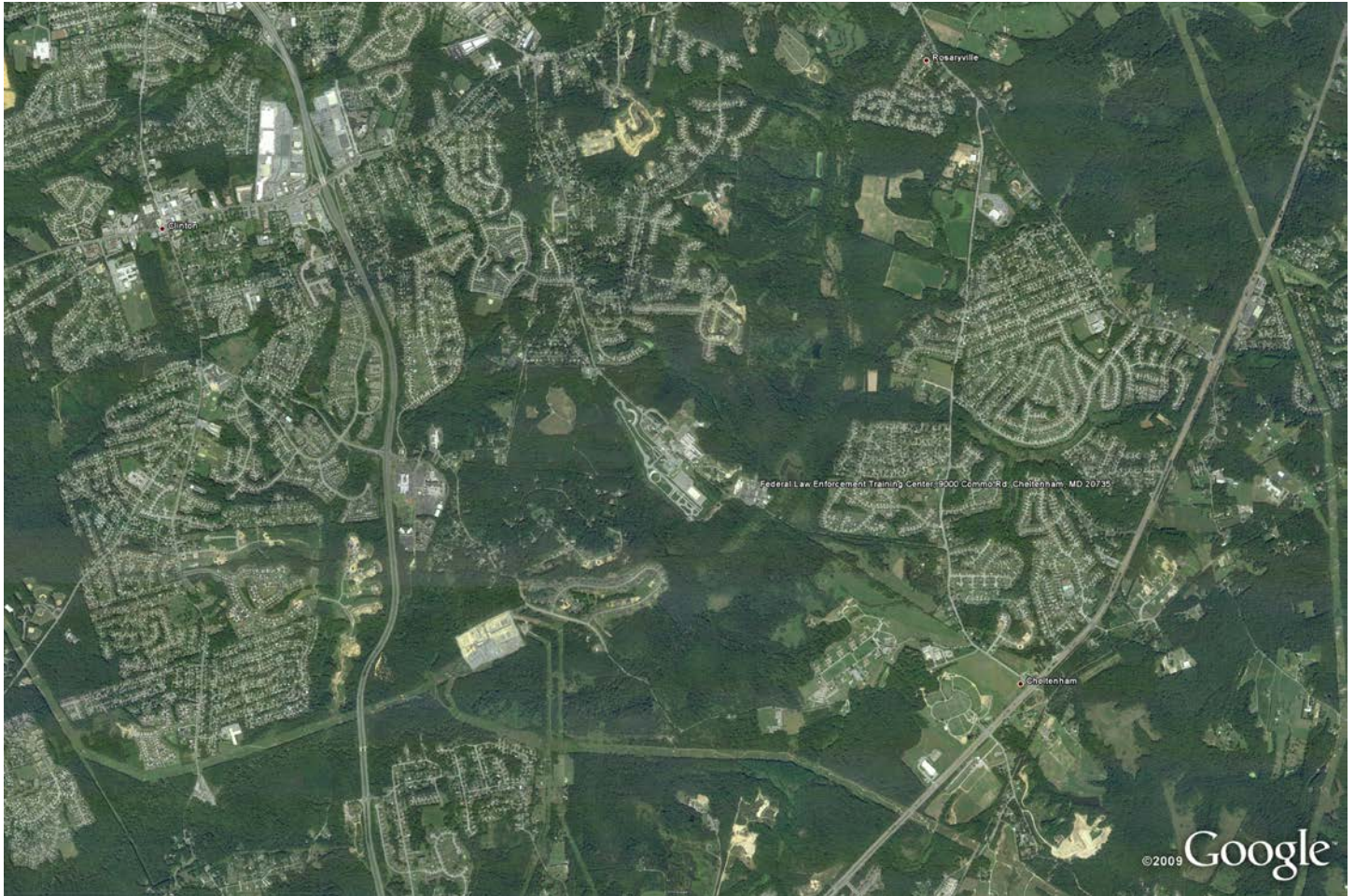
DETERMINATION

**NOT A
CANDIDATE**

Fails Mandatory Criteria:
Minimum Size
24/7 Operation

KEY				
				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

10. FLETC



No Scale

10





FLETC

Cheltenham, MD

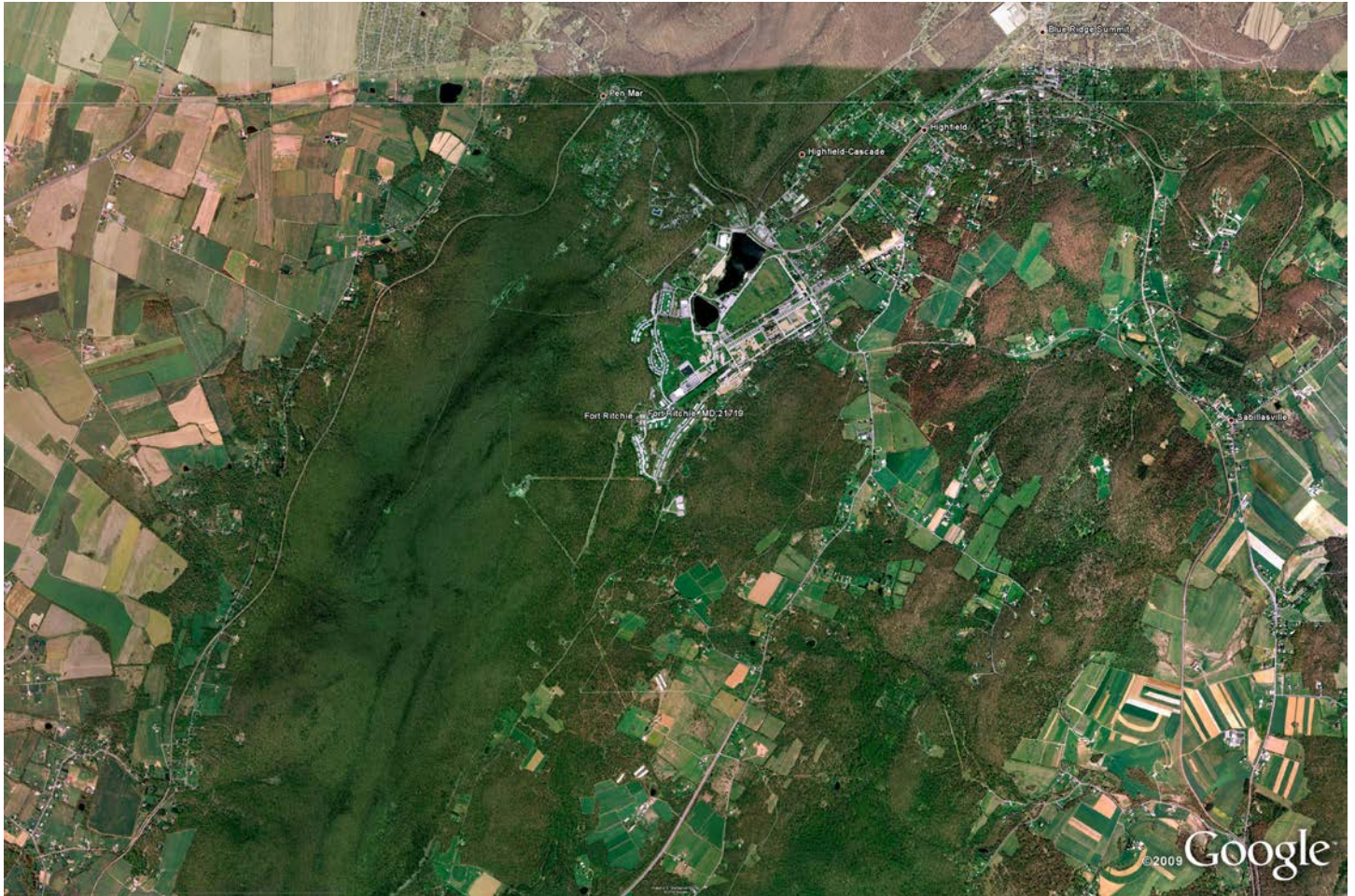
Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	372	The entire facility, which is an active training center operated by DHS, totals 372 acres, which is less than one-third of the FASTC requirement.
STEP 1: RELATIVE	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is buffered on all sides by Piscataway Creek Stream Valley Park and undeveloped land, though dense suburban development is nearby.
	WEATHER (Temperature in Fahrenheit)		
	Mean Temperature, Winter (Degrees, 35+)	40.2	
	Total Annual Snowfall (Inches, not to exceed 30)	21.09	
	Total Days of Snow (Days, not to exceed 20)	10	
	Days w/ <32 Deg Temps (Not to exceed 110)	80	
	Mean Temperature, Summer (82 deg or less)	75.00	
	Days w/90+ Deg Temps (Not to exceed 60)	20	
	PROXIMITY		FLETC, Cheltenham, MD
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	0:36	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	18.8	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

11. Ft. Ritchie



11

Ft. Ritchie

Ft. Ritchie, MD

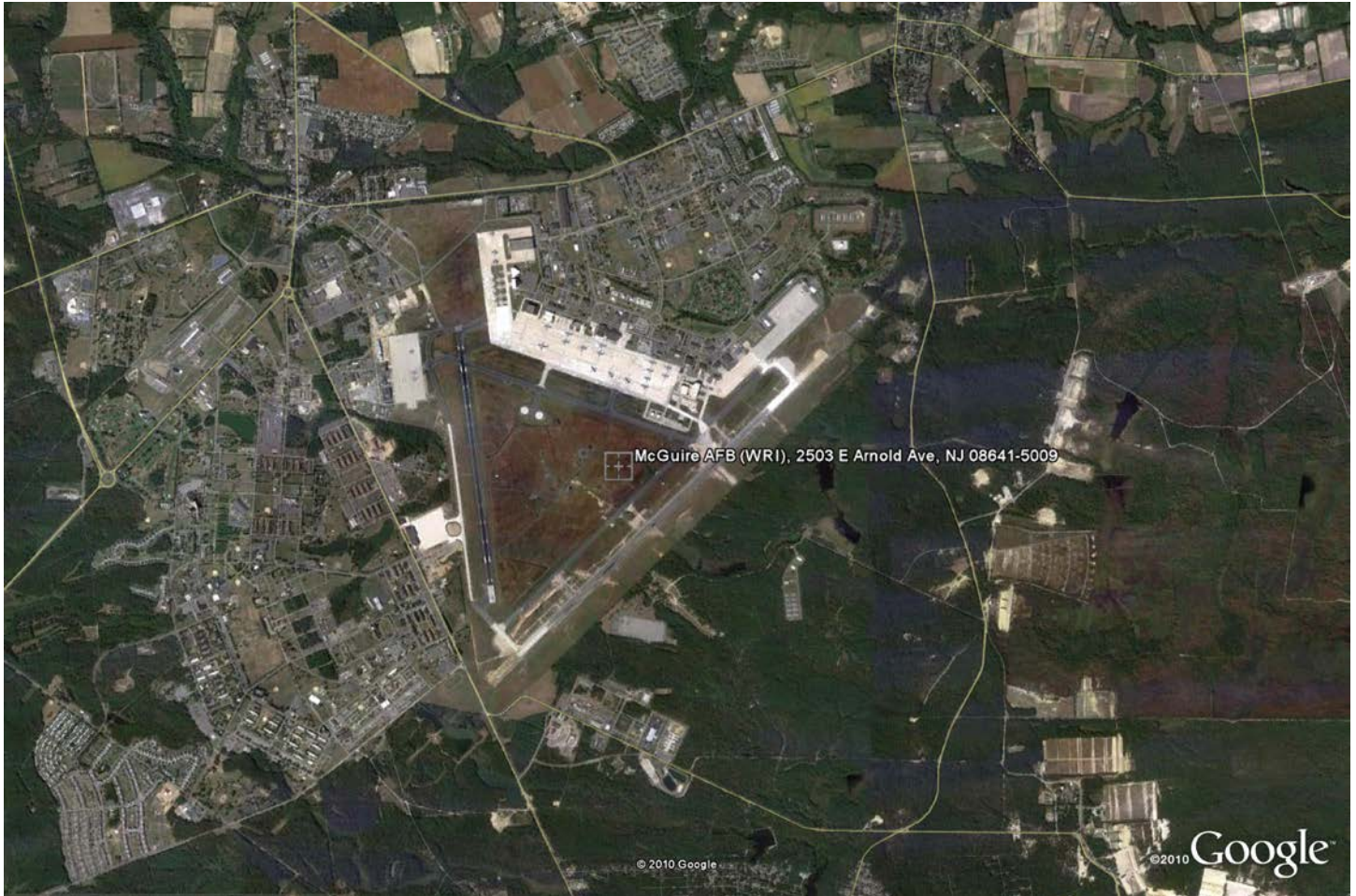
Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	N	Fort Ritchie was closed in 1998 as a result of the 1995 BRAC process. In 2006, ownership transferred to PenMar Development Corporation then to Corporate Office Properties Trust
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	591	The site is 591 acres, less than the 1,500 acres required for FASTC.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is buffered by undeveloped land.
STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		
	Mean Temperature, Winter (Degrees, 35+)	36.2	
	Total Annual Snowfall (Inches, not to exceed 30)	35.03	
	Total Days of Snow (Days, not to exceed 20)	19	
	Days w/ <32 Deg Temps (Not to exceed 110)	100	
	Mean Temperature, Summer (82 deg or less)	73.67	
	Days w/90+ Deg Temps (Not to exceed 60)	18	
	PROXIMITY		<i>Ft. Ritchie, MD</i>
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:37	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	72.5	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Publicly Owned
Minimum SizeFails Relative Criteria:
Total Annual Snowfall

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

12. McGuire Air Force Base



No Scale

12

McGuire AFB

Browns Mills, NJ





Comments/Search Input

Step 1

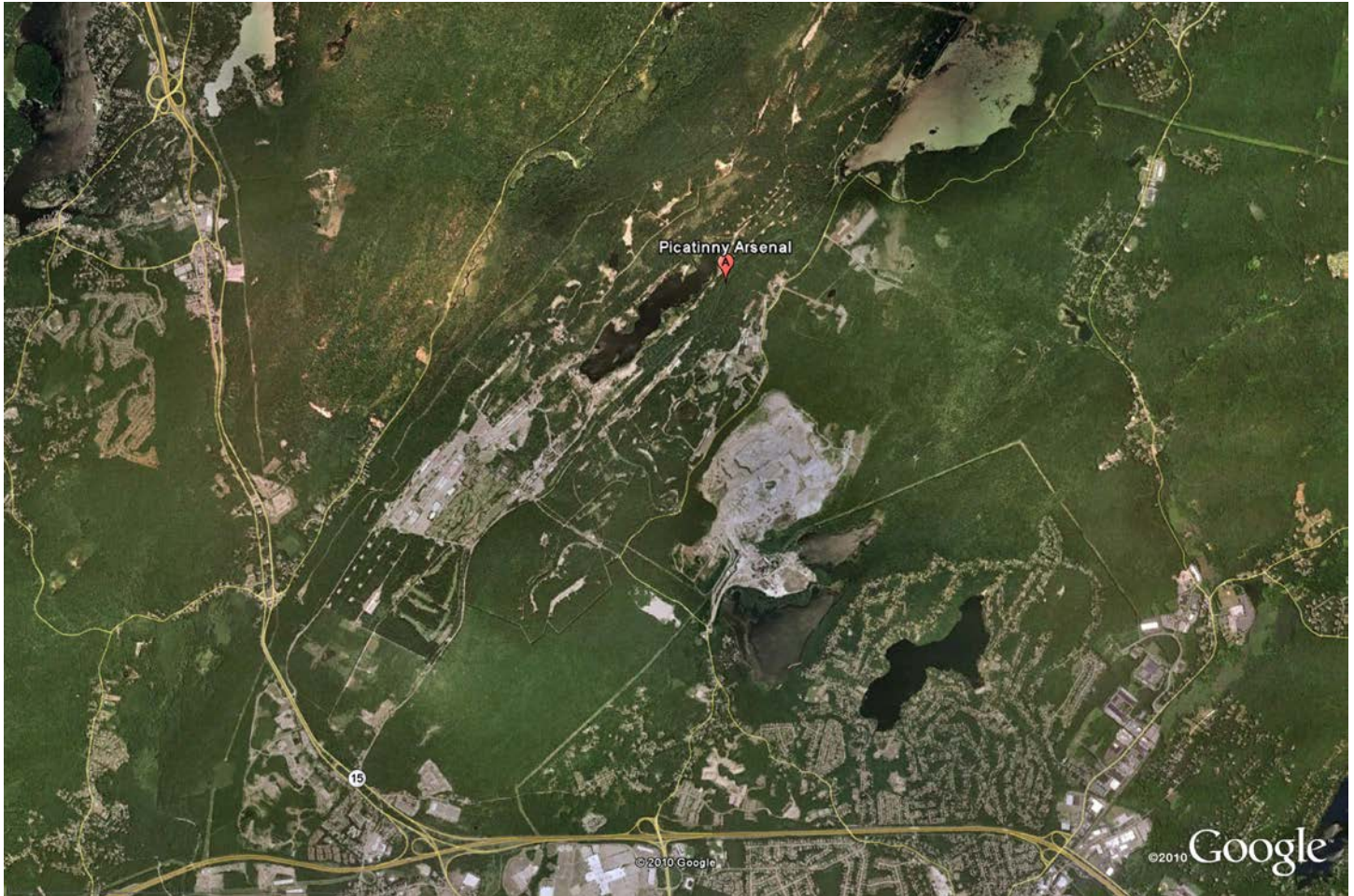
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	3,596	The majority of the 3,596 acre base is airfield, supporting the two active and one inactive runways. Operational issues at an active air base in concert with the AICUZ requirements are not expected to yield adequate area for FASTC at this base.
STEP 1: MANDATORY	24/7 OPERATION		
	Determination (Suitable, Y/N)	N	Active air base operations would cause conflicts with 24/7 FASTC operation.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Browns Mills, NJ
	Mean Temperature, Winter (Degrees, 35+)	37.8	
	Total Annual Snowfall (Inches, not to exceed 30)	21.4	
	Total Days of Snow (Days, not to exceed 20)	12	
	Days w/ <32 Deg Temps (Not to exceed 110)	95	
	Mean Temperature, Summer (82 deg or less)	73.67	
	Days w/90+ Deg Temps (Not to exceed 60)	16	
	PROXIMITY		McGuire AFB, NJ
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	3:42	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	193	

DETERMINATION**NOT A CANDIDATE**Fails Mandatory Criteria:
Minimum Size
24/7 Operation

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

13. Picatinny Arsenal



13

Picatinny Arsenal

Dover, NJ





Comments/Search Input

Step 1

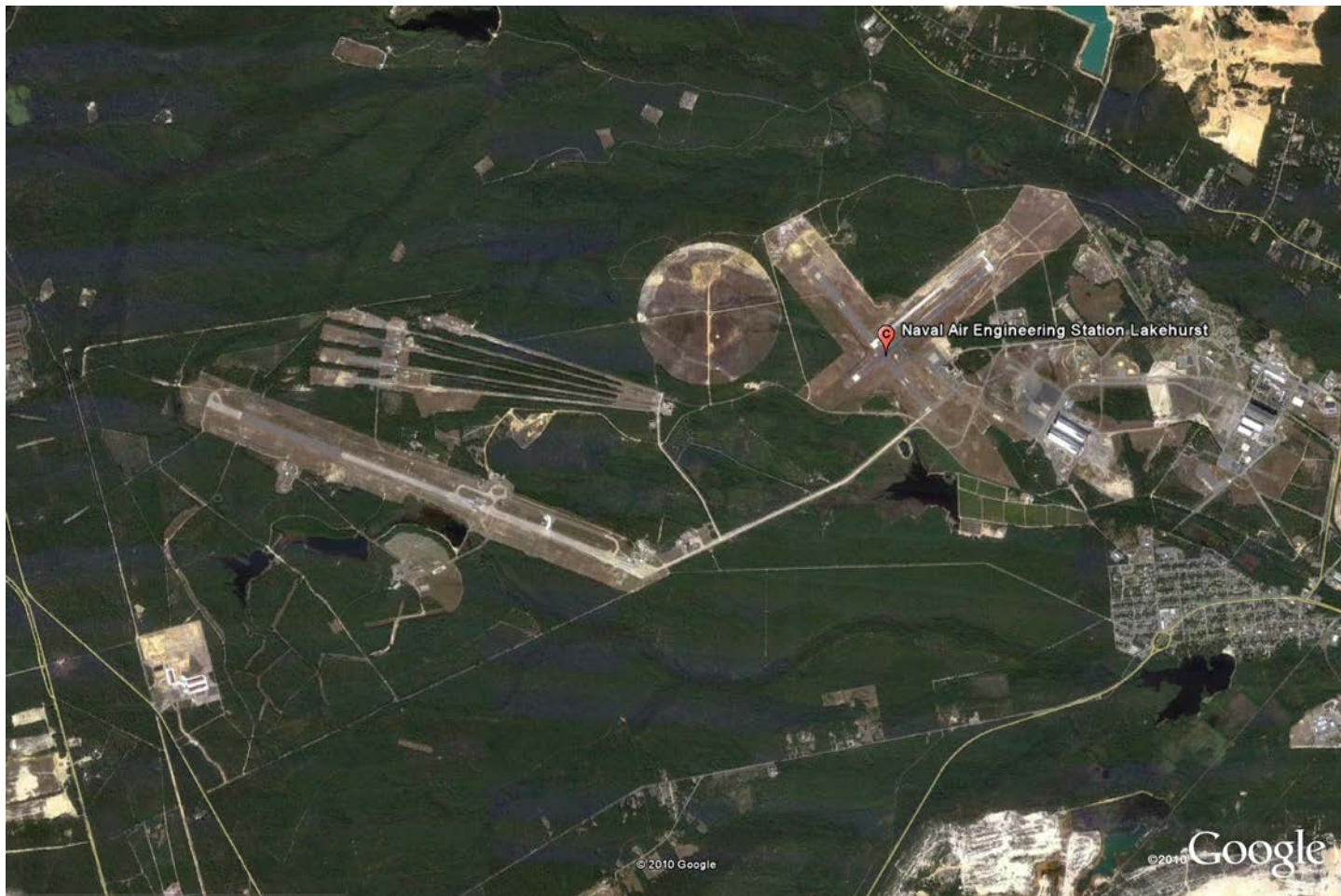
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	6,493	Situated on a 6,500-acre military installation, Picatinny is a one-of-a-kind joint service armament research and development center that provides virtually all of the lethal mechanisms used in Army weapon systems and those of the other military services. Development is dispersed around site. It is not expected that there is sufficient area available to support FASTC.
STEP 1: MANDATORY	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is buffered around its perimeter. Suburban development is close, but not adjacent to, the site.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Dover, NJ	
	Mean Temperature, Winter (Degrees, 35+)	37.8	
	Total Annual Snowfall (Inches, not to exceed 30)	26.98	
	Total Days of Snow (Days, not to exceed 20)	16	
	Days w/ <32 Deg Temps (Not to exceed 110)	87	
	Mean Temperature, Summer (82 deg or less)	75.00	
	Days w/90+ Deg Temps (Not to exceed 60)	20	
	PROXIMITY	Dover, NJ 07801 (Picatinny Arsenal)	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	4:45	5:40 in traffic
	Distance from 1801 N. Lynn St. (Miles, less than 220)	242	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum SizeFails Relative Criteria:
Drive Time
Distance

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

14. Lakehurst Naval Air Center



No Scale

14

Lakehurst Naval Air Center
 Lakehurst, NJ
Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	7,408	Active airfield takes up large portions of 7,400 acre center. It is not expected that there is sufficient area available to support FASTC.
STEP 1: MANDATORY	24/7 OPERATION		
	Determination (Suitable, Y/N)	N	Active air base operations would cause conflicts with 24/7 FASTC operation.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Lakehurst, NJ	
	Mean Temperature, Winter (Degrees, 35+)	37.8	
	Total Annual Snowfall (Inches, not to exceed 30)	23	
	Total Days of Snow (Days, not to exceed 20)	11	
	Days w/ <32 Deg Temps (Not to exceed 110)	98	
	Mean Temperature, Summer (82 deg or less)	72.67	
	Days w/90+ Deg Temps (Not to exceed 60)	18	
	PROXIMITY	Lakehurst Naval Air Center, Lakehurst, NJ	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	3:51	4:50 in traffic
	Distance from 1801 N. Lynn St. (Miles, less than 220)	190	

DETERMINATION**NOT A CANDIDATE**

Fails Mandatory Criteria:
 Minimum Size
 24/7 Operation

Relative Criteria:
 Allowance for traffic causes failure of drive time criteria.

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

15. Warren Grove Range



No Scale

15

Warren Grove Range

Barnegat, NJ





NJ

Step 1

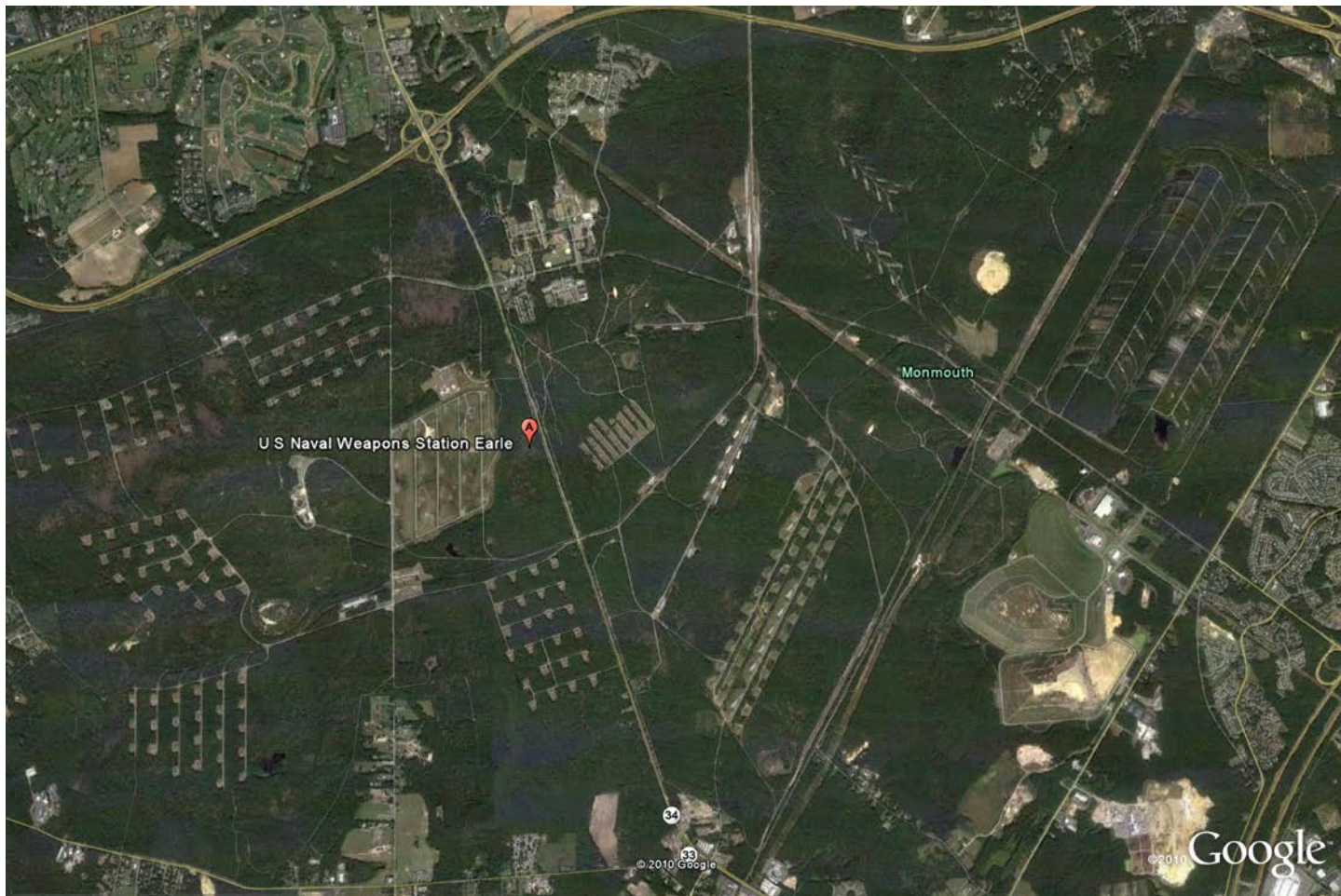
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	9,416	3,000 sorties/yr practice weapons delivery 24 hours a day at this 9,406 acre site. It is not expected that there is sufficient area available to support FASTC.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is remote, no apparent conflict with adjacent property.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Barnegat, NJ 08005	
	Mean Temperature, Winter (Degrees, 35+)	37.8	
	Total Annual Snowfall (Inches, not to exceed 30)	23	
	Total Days of Snow (Days, not to exceed 20)	11	
	Days w/ <32 Deg Temps (Not to exceed 110)	98	
	Mean Temperature, Summer (82 deg or less)	72.67	
	Days w/90+ Deg Temps (Not to exceed 60)	18	
	PROXIMITY	Warren Grove Range, Barnegat NJ	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	4:00	4:50 in traffic
	Distance from 1801 N. Lynn St. (Miles, less than 220)	193	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum SizeFails Relative Criteria:
Drive Time

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

16. Naval Weapons Station Earle



16

Naval Weapons Station Earle

Colts Neck, NJ





NJ

Step 1

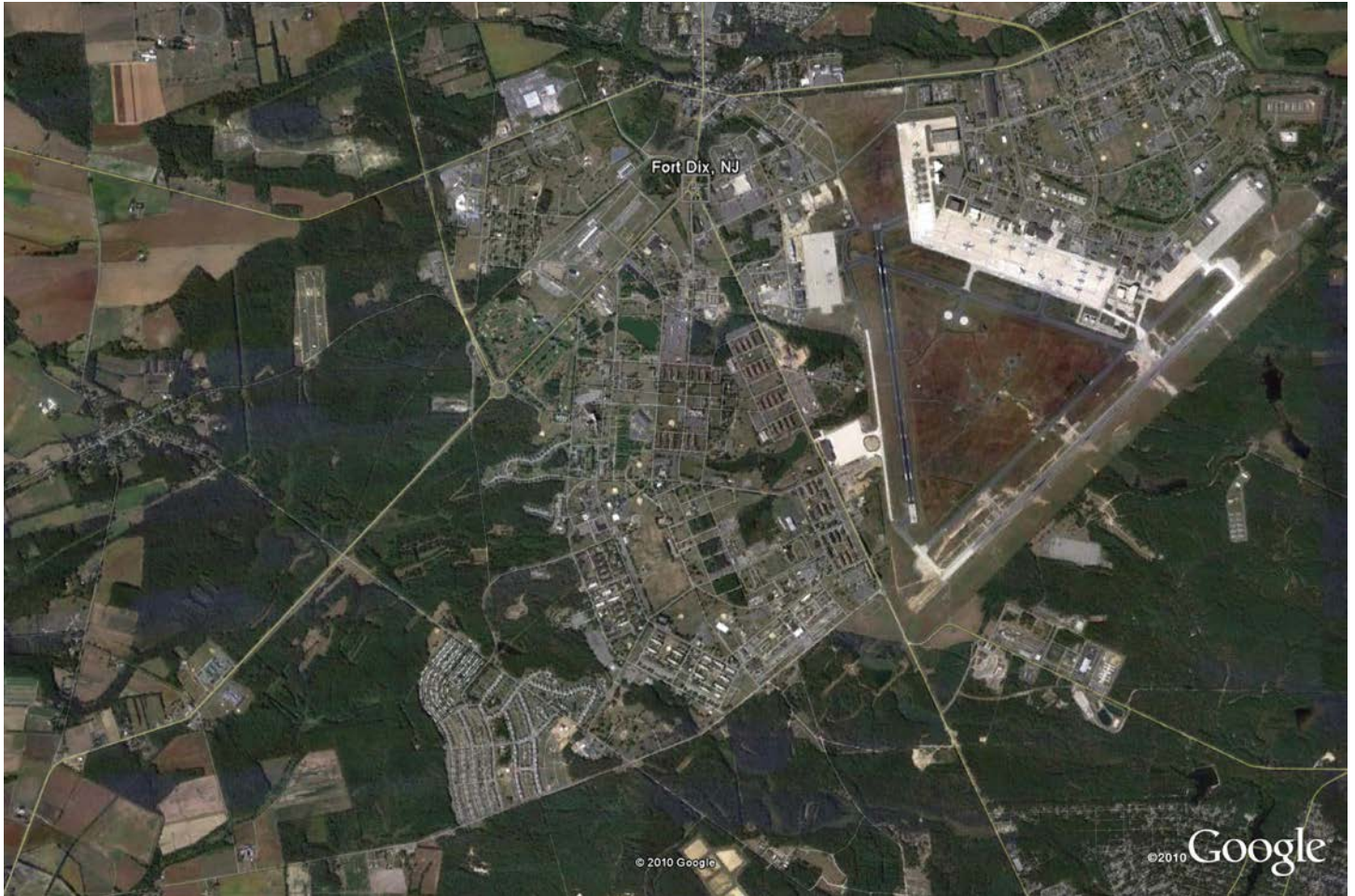
STEP 1: MANDATORY	PUBLIC OWNERSHIP	
	Publicly Owned (Y/N)	Y
	MINIMUM SIZE	
	Parcel(s) Sizes (Acres, 1,500+)	11,134 10,000 acres comprise Mainside, housing the majority of Earle's Ordnance departments and facilities, many tenant organizations, the engineering agent for Naval Sea Systems and Naval Air Systems Command. The use of this important facility has greatly increased since 1998. There may not be sufficient acreage available to support FASTC.
STEP 1: MANDATORY	24/7 OPERATION	
	Determination (Suitable, Y/N)	Y Site is buffered around almost the entire perimeter.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Colts Neck, NJ
	Mean Temperature, Winter (Degrees, 35+)	37.8	
	Total Annual Snowfall (Inches, not to exceed 30)	23	
	Total Days of Snow (Days, not to exceed 20)	11	
	Days w/ <32 Deg Temps (Not to exceed 110)	98	
	Mean Temperature, Summer (82 deg or less)	72.67	
	Days w/90+ Deg Temps (Not to exceed 60)	18	
	PROXIMITY		
	Colts Neck, NJ 07722 (U S Naval Weapons Station Earle)		
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	4:02	5:00 in traffic
	Distance from 1801 N. Lynn St. (Miles, less than 220)	213	

DETERMINATION**NOT A CANDIDATE**Fails Mandatory Criteria:
24/7 OperationFails Relative Criteria:
Drive Time

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

17. Fort Dix



17

Fort Dix

Fort Dix, NJ

NJ

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	30,636	Part of Joint Base McGuire-Dix-Lakehurst. Much of this site is densely developed. The 2005 BRAC process recommended that this site gain operations. It is not expected that 1,500 acres are available for FASTC.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is in a rural area of Burlington County, NJ.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Fort Dix, NJ	
	Mean Temperature, Winter (Degrees, 35+)	37.8	
	Total Annual Snowfall (Inches, not to exceed 30)	21.4	
	Total Days of Snow (Days, not to exceed 20)	12	
	Days w/ <32 Deg Temps (Not to exceed 110)	95	
	Mean Temperature, Summer (82 deg or less)	73.67	
	Days w/90+ Deg Temps (Not to exceed 60)	16	
	PROXIMITY	Fort Dix, NJ	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	3:30	4:20 in traffic
	Distance from 1801 N. Lynn St. (Miles, less than 220)	180	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum SizeRelative Criteria:
Allowance for traffic causes this site to fail
Drive Time criteria.

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

18. Fort Indiantown Gap



18

Fort Indiantown Gap





Jonestown, PA

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	17,222	Per conversation with LTC William C. Yearwood (Deputy Commander), usable training area is fully utilized and no land is available for FASTC.
STEP 1: MANDATORY	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is in rural Pennsylvania. Training for the PA National Guard occurs at this site.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Harrisburg, PA	
	Mean Temperature, Winter (Degrees, 35+)	36.2	
	Total Annual Snowfall (Inches, not to exceed 30)	35.03	
	Total Days of Snow (Days, not to exceed 20)	19	
	Days w/ <32 Deg Temps (Not to exceed 110)	100	
	Mean Temperature, Summer (82 deg or less)	73.67	
	Days w/90+ Deg Temps (Not to exceed 60)	18	
	PROXIMITY	Fort Indiantown Gap, PA	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	2:34	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	144	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum SizeFails Relative Criteria:
Total Annual Snowfall

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

19. Letterkenny Army Depot + Scotland School for Veterans' Children



No Scale





19

Letterkenny Army Depot (LEAD) + the Scotland School for Veterans' Children

Chambersburg, PA

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	LEAD is a federal property and is operated by the US Army Aviation and Missile Command. The Scotland School is owned by the Commonwealth of Pennsylvania and is under the control of the Pennsylvania Department of General Services.
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	18,668 (+183)	Zone II (4,385 acres) and the Scotland School property (183 acres) are available for FASTC. Both parcels are required to meet minimum size required, due to the extent of developable area.
	24/7 OPERATION		
STEP 1: RELATIVE	Determination (Suitable, Y/N)	Y	The site is a rural area, with a scattering of residential neighborhoods along a portion of the perimeter. Further studies are required to confirm compatibility.
	WEATHER (Temperature in Fahrenheit)		Chambersburg, PA
	Mean Temperature, Winter (Degrees, 35+)	36.2	
	Total Annual Snowfall (Inches, not to exceed 30)	35.03	
	Total Days of Snow (Days, not to exceed 20)	19	
	Days w/ <32 Deg Temps (Not to exceed 110)	100	
	Mean Temperature, Summer (82 deg or less)	73.67	
	Days w/90+ Deg Temps (Not to exceed 60)	18	
	PROXIMITY		1 Overcash Avenue, Chambersburg PA 17201
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	2:04	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	99	
DETERMINATION		CANDIDATE	Fails Relative Criteria: Total Annual Snowfall

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

Step 2

DEVELOPABLE AREA

The property must contain sufficient developable area to support the FASTC mission and program of requirements. Suitability analysis should consider the following characteristics at a minimum: parcel configuration, topography, floodplains, wetlands, steep slopes, historic and cultural resources, transportation and access, availability of utilities, etc

N

Constraints at LEAD:

The constraints at LEAD are divided into two categories, undevelopable and developable with significant mitigation. Undevelopable constraints are limited by safety concerns, hazardous materials concerns and slopes greater than 15%. Constraints that are developable with mitigation are defined as stream buffers, wetlands, hydric soils and cultural resources.

Based on record information, the combination of unconstrained land and constrained land that can be mitigated is not configured in such a way that the FASTC training venues fit on the parcel.

Constraints at SSVC:

The relatively flat SSVC site has 81 buildings that are located on the south side of the available parcel. The buildings would require renovation to accommodate the FASTC program. Some hazardous materials are known in the structures and would require abatement. Pennsylvania Fish and Wildlife is interested in obtaining 5-10 acres near the Conococheague Creek. The known constraints are hydric soils, farmland soils, and 100 year flood plain. Cultural resources, biological resources and utility information was not available and would require further investigation.

COMPATIBLE SURROUNDINGS

The surrounding context must adequately buffered from FASTC 24/7 impacts. This may be accomplished by setbacks, compatible adjacent use, noise controls, or other methods.

N

Adjacent to LEAD:

The land that has been made available to DOS for consideration is located in Zone 2, which is LEAD's buffer area. FASTC training activities would be located close to existing residences on the northwest and southwest side of Zone 2.

On site:

LEAD and FASTC have very different missions. LEAD is a military storage facility that disposes of explosives up to 500 pound via buried detonation, on a non-critical schedule. FASTC is a 24/7 training facility that detonates explosives in the open air based on a regimented training schedule.

The LEAD 500 pound detonations will generate both acoustic and ground vibration life-safety concerns for the adjacent FASTC high speed driving tracks.

Adjacent to SSVC: SSVC is approximately 10 miles from LEAD and is easily accessed from I-81. The area surrounding the school is a mixture of agricultural, residential and recreational uses. The site is bisected by an active rail road track.

STEP 2: MANDATORY

KEY



Achieves
Mandatory
Criteria



Fails
Mandatory
Criteria



Achieves
Relative
Criteria



Fails
Relative
Criteria

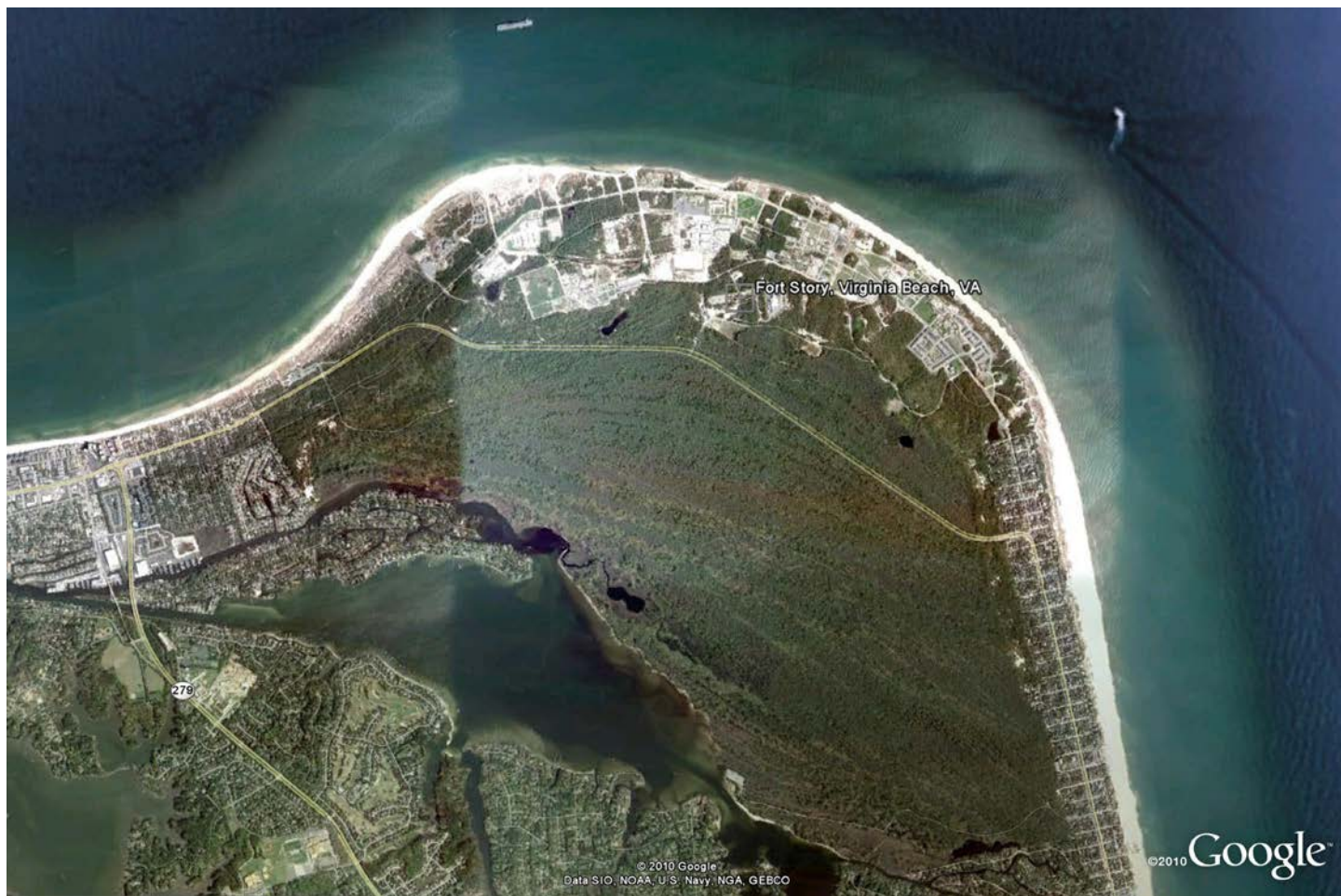
19

Letterkenny Army Depot (LEAD) + the Scotland School for Veterans' Children
Chambersburg, PA

STEP 2: RELATIVE	EASE OF ACQUISITION	
	The quantity of parcels, any pre-existing restrictions or controls on the property's use or acquisition, as well as land costs all contribute to the ease of acquisition.	<div>Y</div> <p>LEAD: Parcels would be acquired via use permit between federal agencies. There is a ROW for the power company in Zone 2.</p> <p>Scotland School: Parcel would be acquired via long term lease with the Commonwealth of Pennsylvania DGS. There is likely opposition from some elected officials and local community groups resulting from DOS requirement for exclusive use of the property which may complicate or delay the acquisition.</p>
	ACCESS TO LIFE SUPPORT	
	The nearest life support / Level I trauma center/facility should be identified.	<div>Y</div> <p>Milton Hershey Medical Center, Hershey: 70 miles away</p>
	CLIMATE	
	A preliminary assessment of local support or opposition for FASTC should be prepared.	<div>Y</div> <p>LEAD: This community is aware of its interdependence with LEAD and is engaged in supporting its activities as well as criticizing its impacts. There are a number of community organizations that will expect to be engaged in the dialogue; and they, along with their elected and appointed supporters, will articulate their positions and views even if they are not engaged. While the ultimate outcome may be positive, extensive community engagement is expected.</p> <p>Scotland School: The community is interested in finding an appropriate use of the Scotland School. Since it was closed in 2009 several organizations, including those with strong ties to the veterans community, have actively sought an appropriate use for the property and have enlisted support from the highest levels of U.S. military leadership as well as state government elected officials. These community organizations - along with their veterans, military and government supporters - will expect to be engaged in the discussions regarding the use of the Scotland School property.</p>
DETERMINATION		<div>DOES NOT MEET STEP 2 REQ's</div> <p>Fails Mandatory Criteria: Developable Area Compatible Surroundings</p>

KEY	<div></div>	<div></div>	<div></div>	<div></div>
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

20. Fort Story



No Scale





20

Fort Story
 Virginia Beach, VA
Step 1

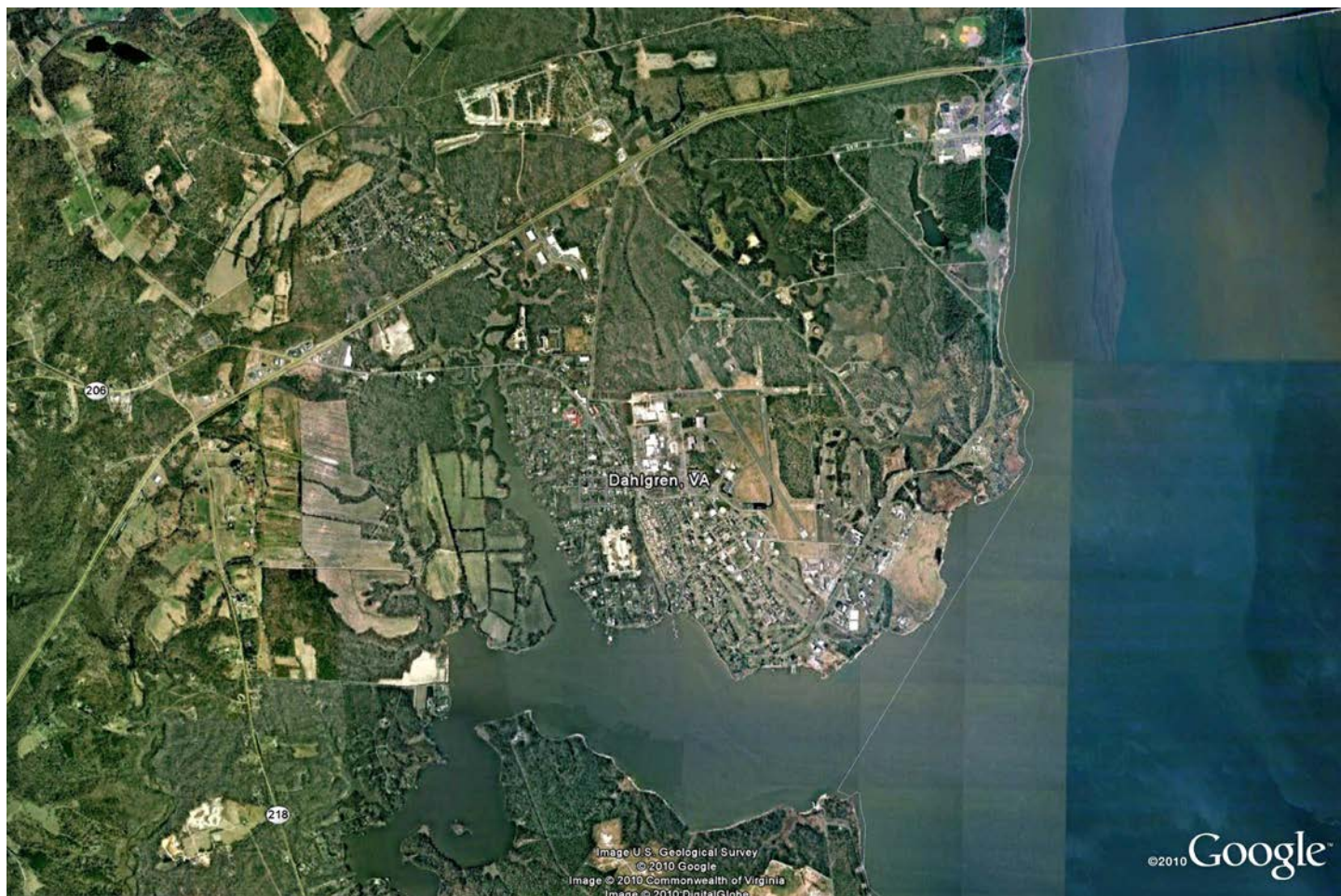
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	1,451	Entire site is 1,451 acres, which is not sufficient.
STEP 1: MANDATORY	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is located along the Atlantic Ocean shore between the coast and Seashore State Park.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Virginia Beach, VA	
	Mean Temperature, Winter (Degrees, 35+)	45.8	
	Total Annual Snowfall (Inches, not to exceed 30)	6.96	
	Total Days of Snow (Days, not to exceed 20)	2	
	Days w/ <32 Deg Temps (Not to exceed 110)	51	
	Mean Temperature, Summer (82 deg or less)	77.00	
	Days w/90+ Deg Temps (Not to exceed 60)	22	
	PROXIMITY	Fort Story, Virginia Beach, VA	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	3:41	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	200	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

21. NSF Dahlgren (Pumpkin Neck Annex)



NSF Dahlgren (Pumpkin Neck Annex)





Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	1,641	An active facility on a 1,641 acre base is not expected to yield 1,500 acres for FASTC.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	The site is located along the Potomac River in Dahlgren, VA.

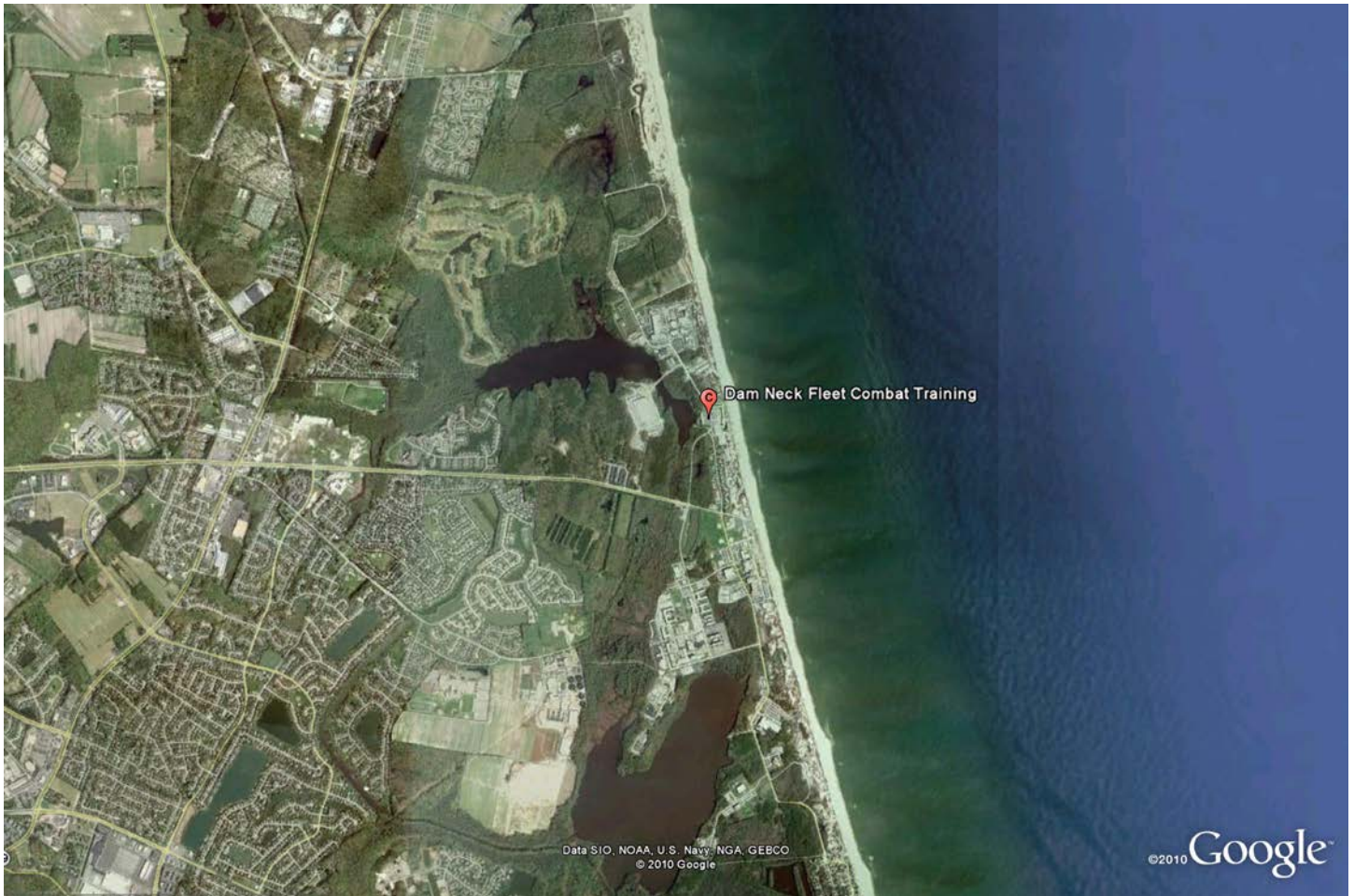
STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Dahlgren, King George, Virginia	
	Mean Temperature, Winter (Degrees, 35+)	41.2	
	Total Annual Snowfall (Inches, not to exceed 30)	15.98	
	Total Days of Snow (Days, not to exceed 20)	6	
	Days w/ <32 Deg Temps (Not to exceed 110)	81	
	Mean Temperature, Summer (82 deg or less)	76.33	
	Days w/90+ Deg Temps (Not to exceed 60)	28	
	PROXIMITY	Dahlgren, King George, Virginia	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:20	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	54	

DETERMINATION

NOT A
CANDIDATEFails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

22. NAS Oceana Dam Neck Fleet Training



NAS Oceana Dam Neck Fleet Training





Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP	
	Publicly Owned (Y/N)	Y
	MINIMUM SIZE	
	Parcel(s) Sizes (Acres, 1,500+)	1,100 Entire site is 1,100 acres, which is not sufficient.
STEP 1: MANDATORY	24/7 OPERATION	
	Determination (Suitable, Y/N)	Y Site is located along the Atlantic Coast near Virginia beach, and is buffered from inland development.

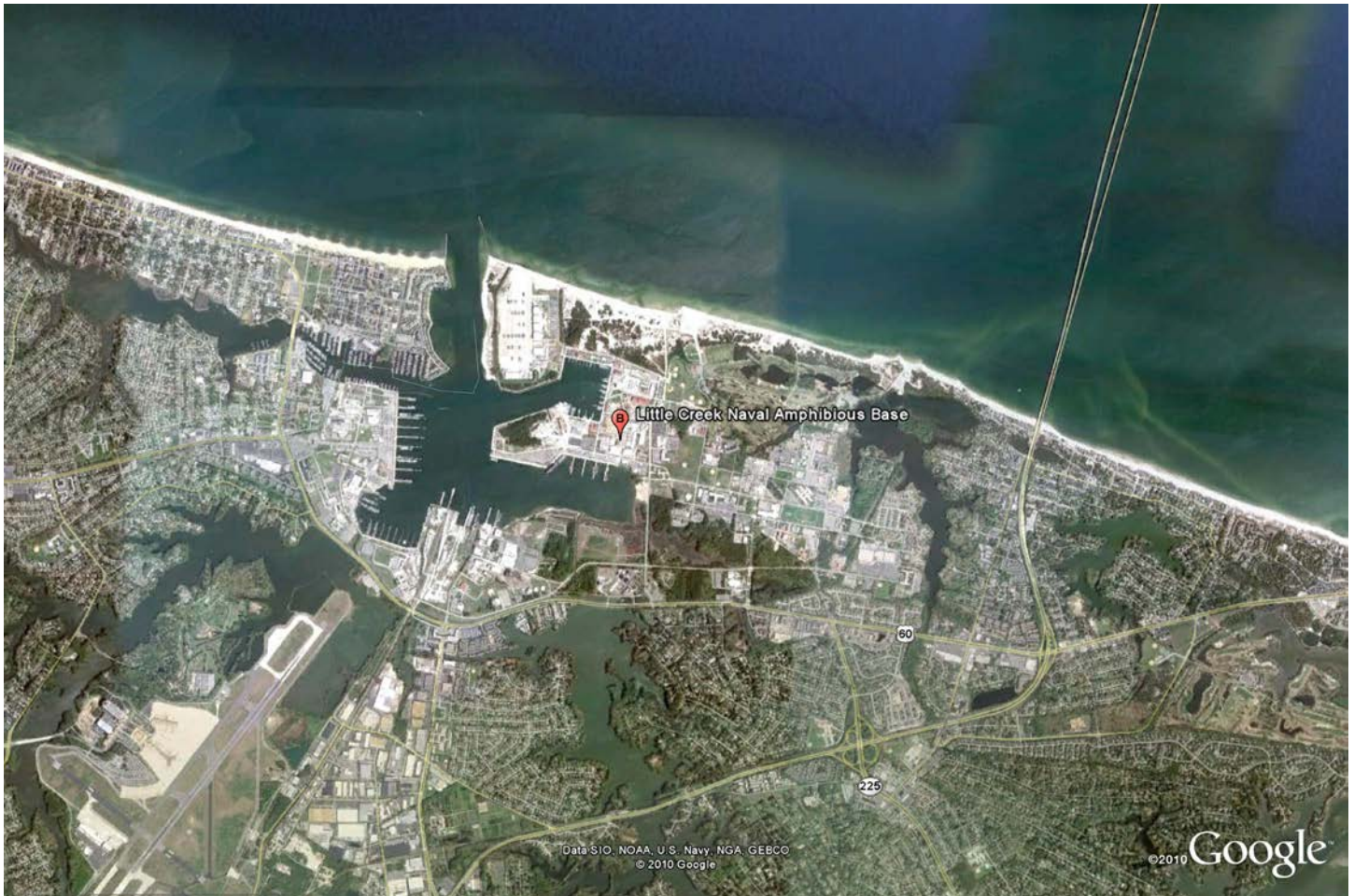
STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Virginia Beach, VA
	Mean Temperature, Winter (Degrees, 35+)	45.8	
	Total Annual Snowfall (Inches, not to exceed 30)	6.96	
	Total Days of Snow (Days, not to exceed 20)	2	
	Days w/ <32 Deg Temps (Not to exceed 110)	51	
	Mean Temperature, Summer (82 deg or less)	77.00	
	Days w/90+ Deg Temps (Not to exceed 60)	22	
	PROXIMITY		Nas Oceana, Virginia Beach, VA
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	3:48	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	209	

DETERMINATION

NOT A
CANDIDATEFails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

23. Naval Amphibious Base Little Creek



23

Naval Amphibious Base Little Creek Norfolk, VA

Step 1





STEP 1: MANDATORY	PUBLIC OWNERSHIP	
	Publicly Owned (Y/N)	Y
	MINIMUM SIZE	
	Parcel(s) Sizes (Acres, 1,500+)	2,120 The Naval Amphibious Base, Little Creek, is the largest base of its kind in the world, is the major operating station for the amphibious forces of the United States Atlantic Fleet. The base is densely developed and is sited at the extreme northwest corner of Virginia Beach. This active base is not expected to yield 1,500 acres for FASTC.
	24/7 OPERATION	
	Determination (Suitable, Y/N)	Y Little Creek is a small inlet on the southern shore of Chesapeake Bay approximately midway between Cape Henry and NAVSTA Norfolk.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Norfolk, VA
	Mean Temperature, Winter (Degrees, 35+)	46.8	
	Total Annual Snowfall (Inches, not to exceed 30)	6.96	
	Total Days of Snow (Days, not to exceed 20)	2	
	Days w/ <32 Deg Temps (Not to exceed 110)	40	
	Mean Temperature, Summer (82 deg or less)	78.33	
	Days w/90+ Deg Temps (Not to exceed 60)	28	
	PROXIMITY		
	2600 Tarawa Ct # 100, Virginia Beach, VA 23459-9297 (Naval Amphibious Base)		
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	3:25	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	190	

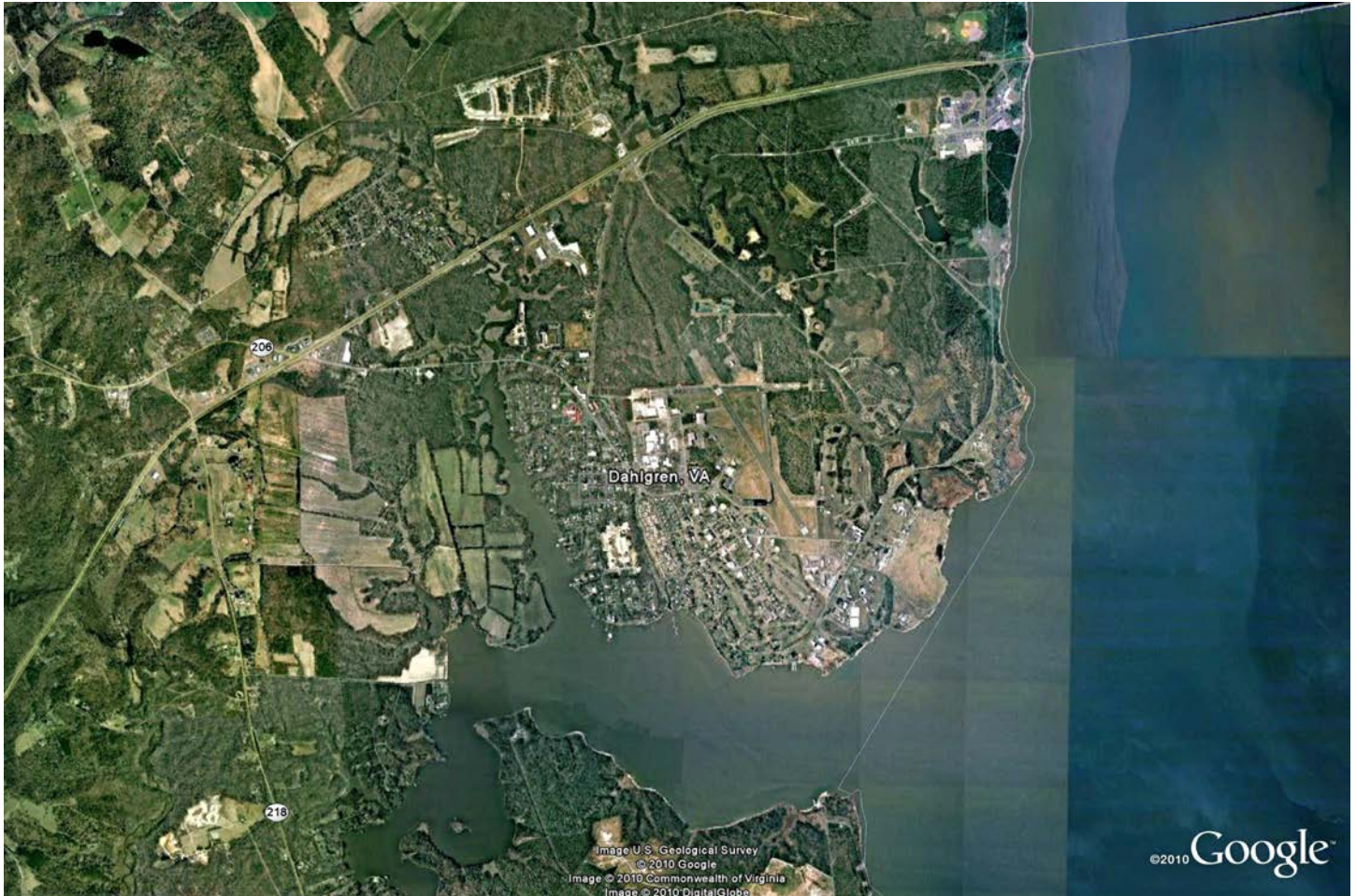
DETERMINATION

**NOT A
CANDIDATE**

Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

24. NSA South Potomac



No Scale

24

NSA South Potomac

Dahlgren, VA

VA

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	2,677	This base serves as the host command for two naval installations: NSF Dahlgren, Va. and Naval Support Facility Indian Head, Md. providing base operations support for about two dozen commands and tenant activities, a workforce approaching 10,000, and over 900 base residents between both installations. It is not expected that there is sufficient area available to support FASTC.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	The site is located along the Potomac River in Dahlgren, VA.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Dahlgren, King George, Virginia	
	Mean Temperature, Winter (Degrees, 35+)	41.2	
	Total Annual Snowfall (Inches, not to exceed 30)	15.98	
	Total Days of Snow (Days, not to exceed 20)	6	
	Days w/ <32 Deg Temps (Not to exceed 110)	81	
	Mean Temperature, Summer (82 deg or less)	76.33	
	Days w/90+ Deg Temps (Not to exceed 60)	28	
	PROXIMITY	Dahlgren, King George, Virginia	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:20	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	54	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

25. Naval Air Landing Field Fentress



No Scale

25

Naval Air Landing Field Fentress

Chesapeake, VA





VA

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	2,763	Air landing field occupies most of the base. Operational issues at an active air base in concert with the AICUZ requirements are not expected to yield adequate area for FASTC.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	N	Active air base operations would cause conflicts with 24/7 FASTC operation.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Chesapeake, VA	
	Mean Temperature, Winter (Degrees, 35+)	45.8	
	Total Annual Snowfall (Inches, not to exceed 30)	6.96	
	Total Days of Snow (Days, not to exceed 20)	2	
	Days w/ <32 Deg Temps (Not to exceed 110)	51	
	Mean Temperature, Summer (82 deg or less)	77.00	
	Days w/90+ Deg Temps (Not to exceed 60)	22	
	PROXIMITY	NALF Fentress, Chesapeake, VA	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	3:49	Other routes more than 4 hours
	Distance from 1801 N. Lynn St. (Miles, less than 220)	213	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size
24/7 Operation

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

26. Naval Station Norfolk



No Scale

26

NS Norfolk

Norfolk, VA





VA

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	3,588	Air Operations conducts more than 100,000 flight operations per year at this densely developed base. Operational issues at an active air base in concert with the AICUZ requirements are not expected to yield adequate area for FASTC at this base.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	N	Active air base operations would cause conflicts with 24/7 FASTC operation.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Norfolk, VA
	Mean Temperature, Winter (Degrees, 35+)	46.8	
	Total Annual Snowfall (Inches, not to exceed 30)	6.96	
	Total Days of Snow (Days, not to exceed 20)	2	
	Days w/ <32 Deg Temps (Not to exceed 110)	40	
	Mean Temperature, Summer (82 deg or less)	78.33	
	Days w/90+ Deg Temps (Not to exceed 60)	28	
	PROXIMITY		9079 Hampton Boulevard, Norfolk, VA 23505-1024 (Naval Station Norfolk)
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	3:24	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	190	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size
24/7 Operation

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

27. NSA Norfolk Annex



No Scale

27

NSA Norfolk Northwest Annex

Chesapeake, VA

VA

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	3,798	Per contact with Commander in Charge Ellen Duffy on 1/14/11, this site does not have sufficient available land. Wetlands occupy portions of the base that are currently undeveloped.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	The site is located in rural southern Chesapeake, Virginia on the border of North Carolina.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Chesapeake, VA
	Mean Temperature, Winter (Degrees, 35+)	45.8	
	Total Annual Snowfall (Inches, not to exceed 30)	6.96	
	Total Days of Snow (Days, not to exceed 20)	2	
	Days w/ <32 Deg Temps (Not to exceed 110)	51	
	Mean Temperature, Summer (82 deg or less)	77.00	
	Days w/90+ Deg Temps (Not to exceed 60)	22	
	PROXIMITY		NorthWest Annex, 4541 Relay Rd, Chesapeake, Virginia 23322
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	3:54	Other routes more than 4 hours
	Distance from 1801 N. Lynn St. (Miles, less than 220)	220	

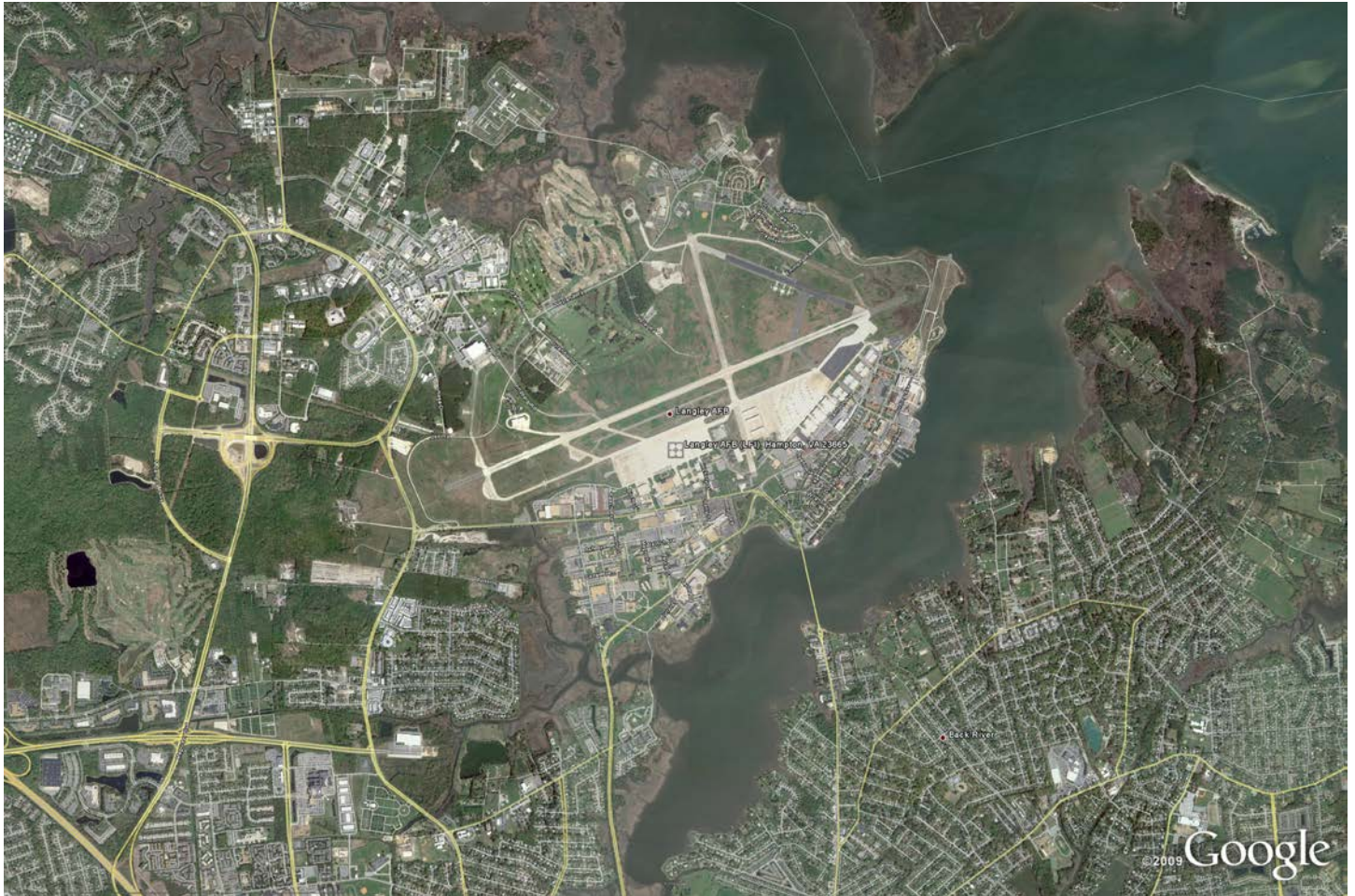
DETERMINATION**NOT A
CANDIDATE**

Fails Mandatory Criteria: Minimum Size

Fails Relative Criteria:
Distance

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

28. Langley Air Force Base



No Scale

28

Langley AFB

Hampton, VA

VA

Step 1

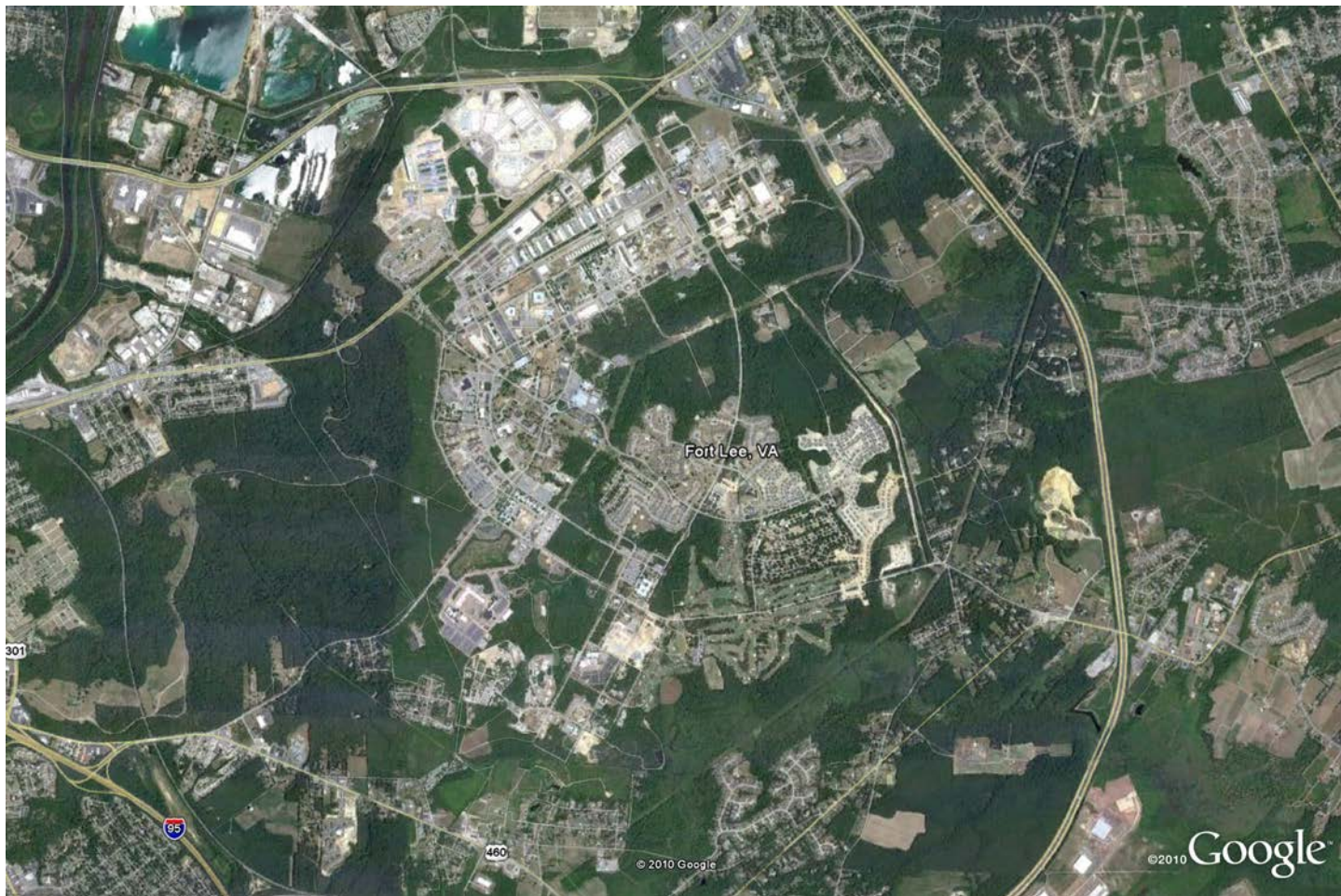
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	3,987	Langley is the home of the USAF 633d Air Base Wing, 1st Fighter Wing & the 480th Intelligence Surveillance and Reconnaissance Wing. It also hosts the Global Cyberspace Integration Center field operating agency, the 192D Fighter Wing of the Virginia Air National Guard and Headquarters Air Combat Command. Operational issues at an active air base in concert with the AICUZ requirements are not expected to yield adequate area for FASTC.
STEP 1: MANDATORY	24/7 OPERATION		
	Determination (Suitable, Y/N)	N	Active air base operations would cause conflicts with 24/7 FASTC operation.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Hampton, VA	
	Mean Temperature, Winter (Degrees, 35+)	45.2	
	Total Annual Snowfall (Inches, not to exceed 30)	12.74	
	Total Days of Snow (Days, not to exceed 20)	8	
	Days w/ <32 Deg Temps (Not to exceed 110)	39.31	
	Mean Temperature, Summer (82 deg or less)	77.33	
	Days w/90+ Deg Temps (Not to exceed 60)	23	
	PROXIMITY	Langley Air Force Base, Hampton, VA	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	3:12	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	176	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size
24/7 Operation

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

29. Fort Lee



Fort Lee





Fort Lee, VA

Step 1

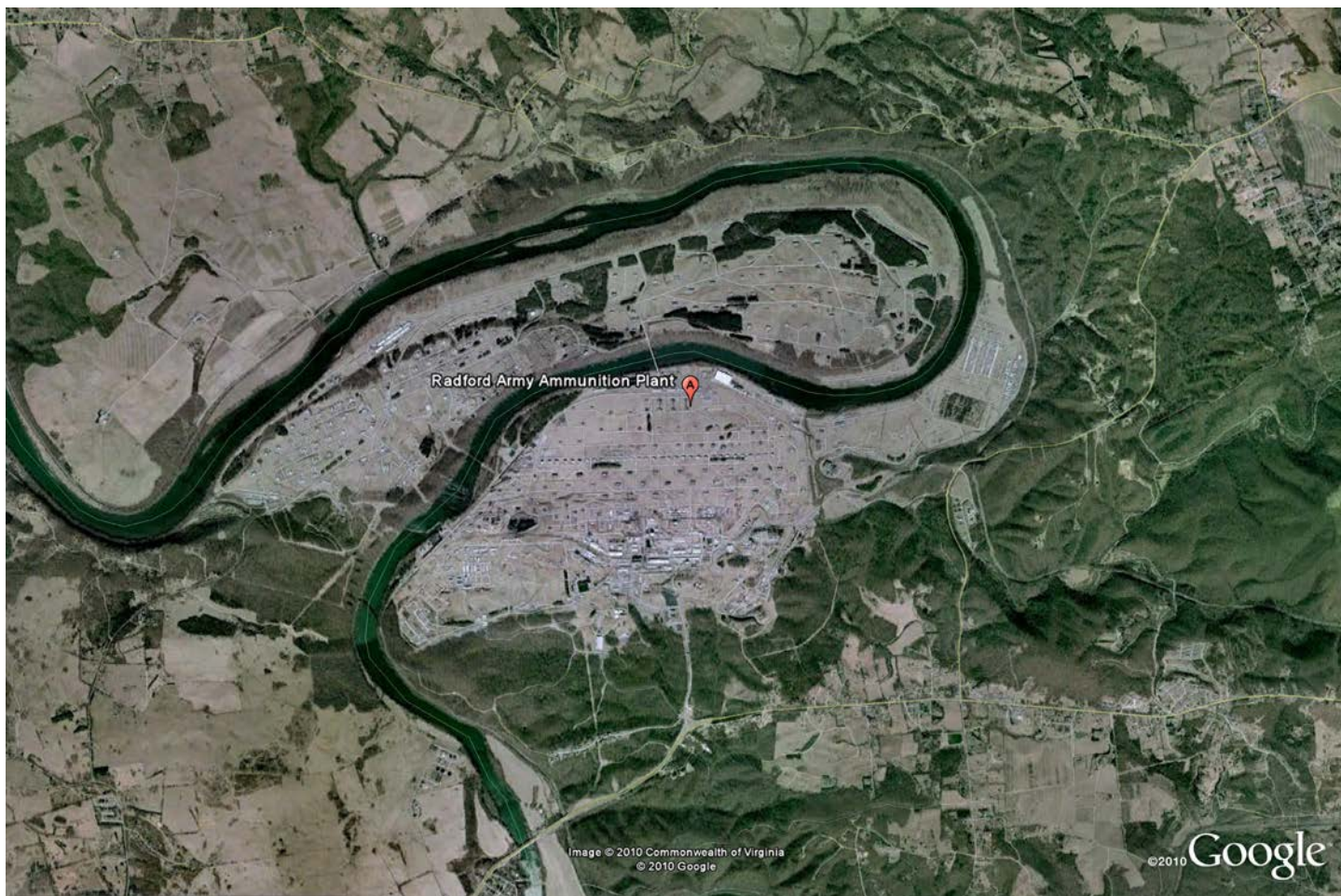
STEP 1: MANDATORY	PUBLIC OWNERSHIP	
	Publicly Owned (Y/N)	Y
	MINIMUM SIZE	
	Parcel(s) Sizes (Acres, 1,500+)	5,912 Several new organizations are relocating to and/or consolidating their operations on Fort Lee. When completed in 2011, at a projected cost of \$1.5 billion, the installation will have acquired 6.5 million square feet of new facilities including new classroom buildings, headquarters, fitness and dining facilities, outdoor training sites, high-rise housing projects. This base is not expected to yield adequate area for FASTC.
	24/7 OPERATION	
	Determination (Suitable, Y/N)	Y Site is buffered with undeveloped land.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Fort Lee, VA
	Mean Temperature, Winter (Degrees, 35+)	43.4	
	Total Annual Snowfall (Inches, not to exceed 30)	14.02	
	Total Days of Snow (Days, not to exceed 20)	6	
	Days w/ <32 Deg Temps (Not to exceed 110)	78	
	Mean Temperature, Summer (82 deg or less)	75.67	
	Days w/90+ Deg Temps (Not to exceed 60)	32	
	PROXIMITY		
	Fort Lee, VA		
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	2:30	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	134	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

30. Radford Army Ammunition Plant







Radford Army Ammunition Plant
 Radford, VA
Step 1

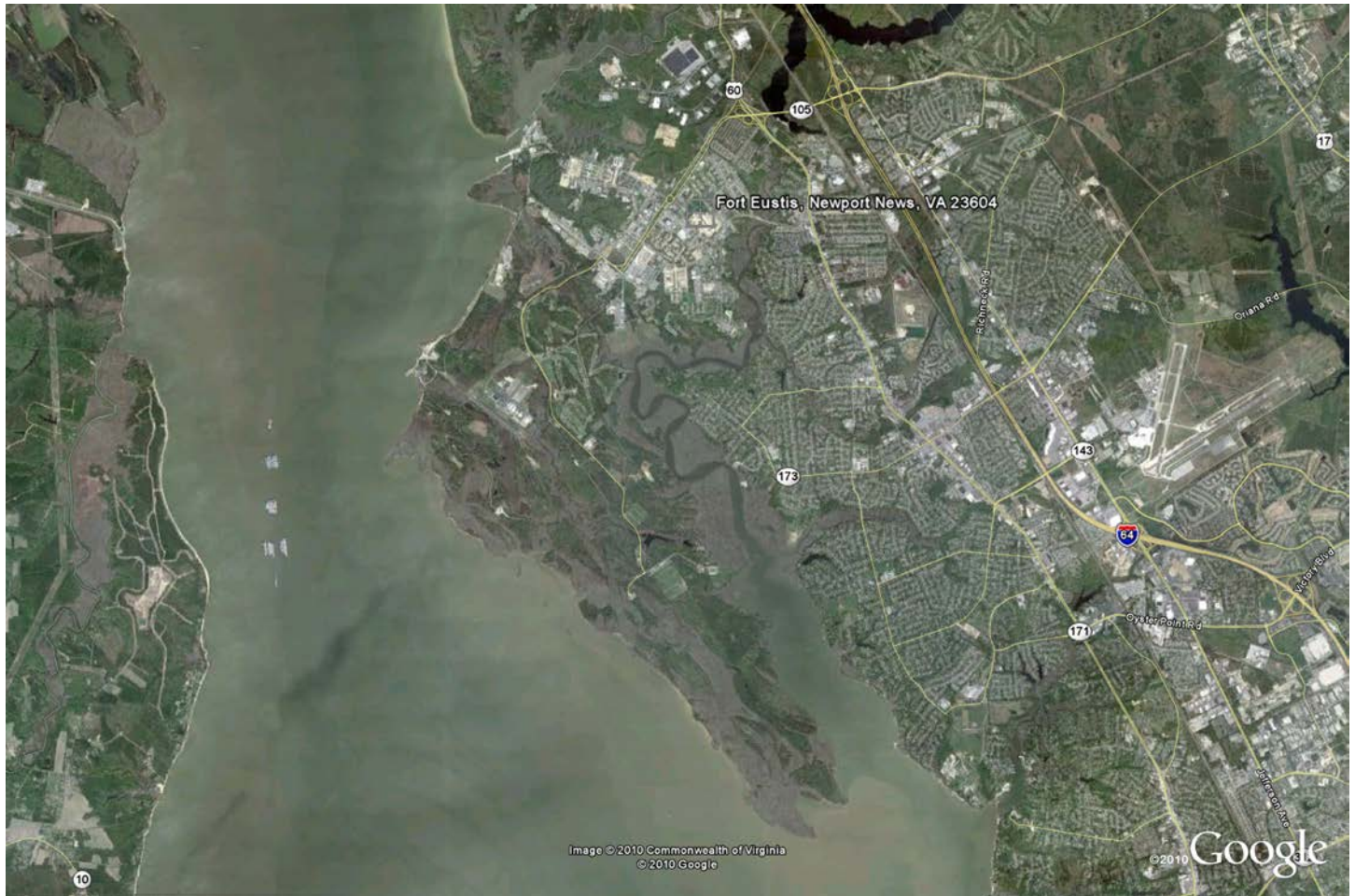
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	6,902	The base includes 1,038 buildings. Based on the density of existing development, it is not expected that there is sufficient area available to support FASTC.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is surrounded by agricultural and undeveloped land.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Radford, VA	
	Mean Temperature, Winter (Degrees, 35+)	41.2	
	Total Annual Snowfall (Inches, not to exceed 30)	25.06	
	Total Days of Snow (Days, not to exceed 20)	11	
	Days w/ <32 Deg Temps (Not to exceed 110)	85	
	Mean Temperature, Summer (82 deg or less)	74.33	
	Days w/90+ Deg Temps (Not to exceed 60)	27	
	PROXIMITY	Radford, VA 24141 (Radford Army Ammunition Plant)	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	4:42	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	227	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum SizeFails Relative Criteria:
Drive Time
Distance

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

31. Fort Eustis



No Scale





31

Fort Eustis
 Newport News, VA
Step 1

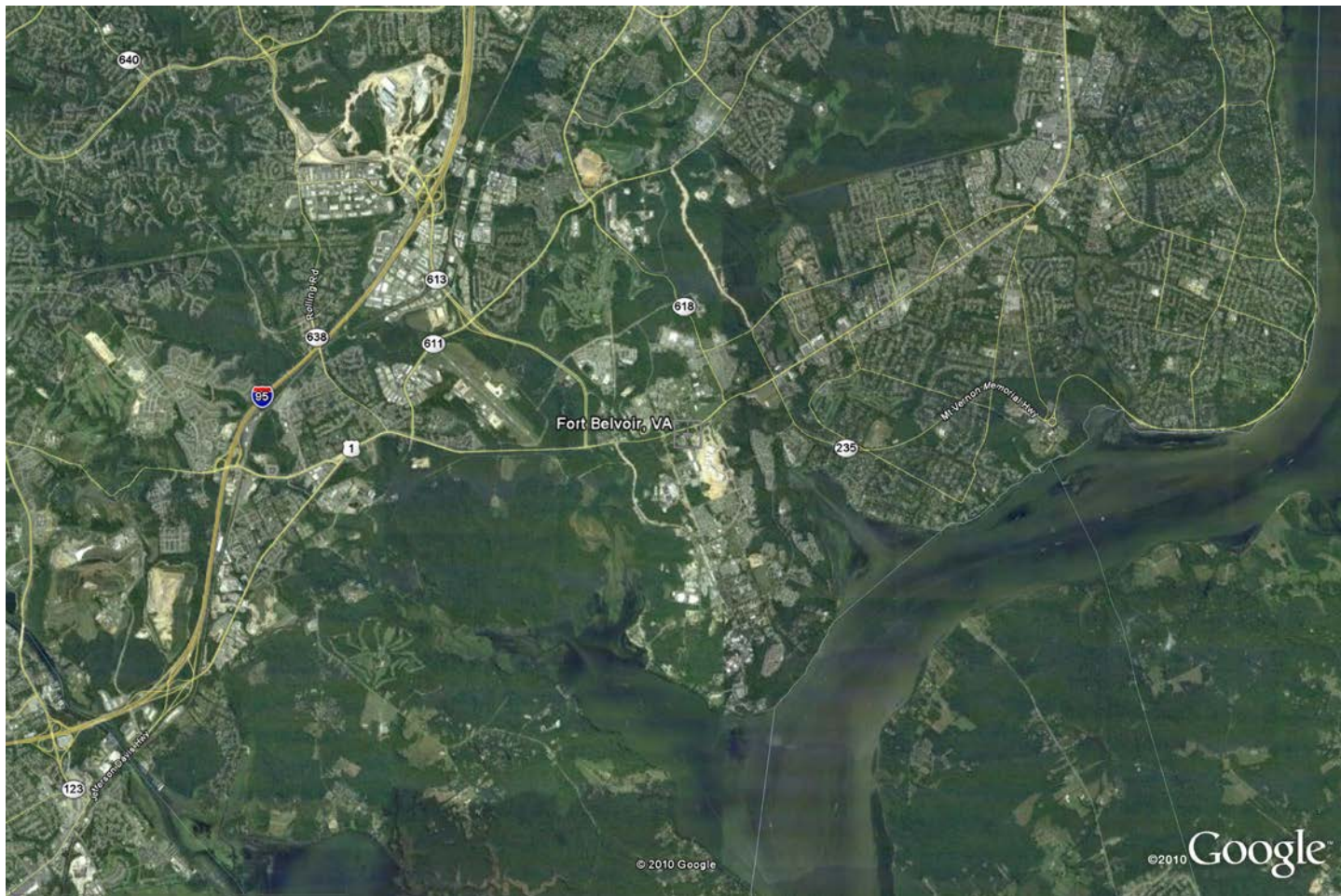
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	8,249	Fort Eustis is the home of the U.S. Army Transportation Corps. 2000 acres is cantonment area and training areas total 6081 acres distributed throughout the installation, including 1000 acres for small arms ranges. It is not expected that there is sufficient area available to support FASTC.
STEP 1: MANDATORY	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is located on a peninsula on the James River at the northern tip of Newport News, VA.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Newport News, VA	
	Mean Temperature, Winter (Degrees, 35+)	45.4	
	Total Annual Snowfall (Inches, not to exceed 30)	8.9	
	Total Days of Snow (Days, not to exceed 20)	6	
	Days w/ <32 Deg Temps (Not to exceed 110)	49	
	Mean Temperature, Summer (82 deg or less)	77.33	
	Days w/90+ Deg Temps (Not to exceed 60)	20	
	PROXIMITY	Fort Eustis, Newport News, VA	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	2:57	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	163	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

32. Fort Belvoir



No Scale

32

Fort Belvoir





Ft. Belvoir, VA

Step 1

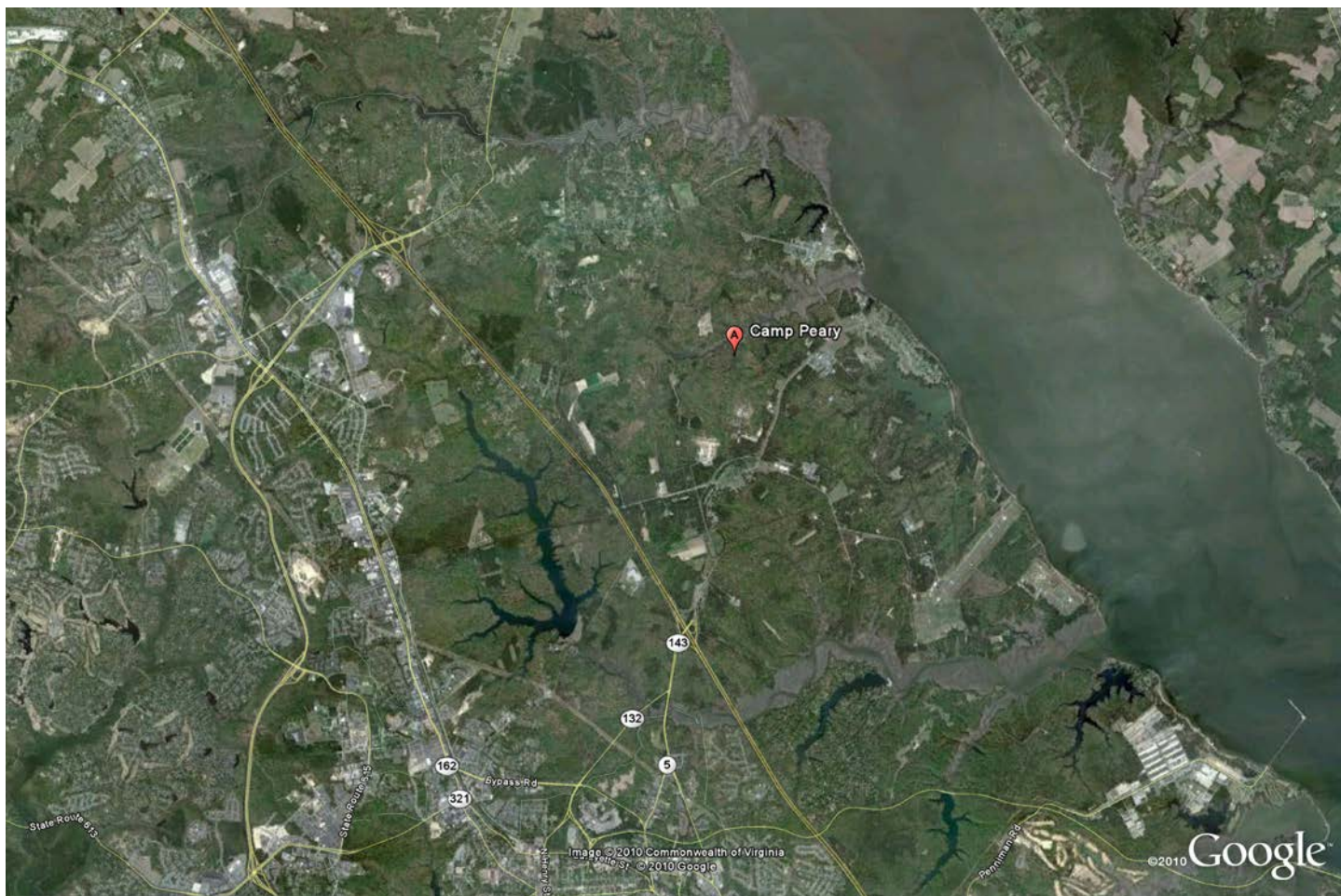
STEP 1: MANDATORY	PUBLIC OWNERSHIP	
	Publicly Owned (Y/N)	Y
	MINIMUM SIZE	
	Parcel(s) Sizes (Acres, 1,500+)	8,670 Fort Belvoir is home to two Army major command HQs, 10 different Army major commands, 19 agencies of the Dept. of Army, eight elements of the Army Reserve and the Army NG, and 26 DoD agencies. Also located here are a USN construction battalion, a USMC detachment, a USAF activity, and an agency from the Dept. of the Treasury. The BRAC process recommended that this base gain operations. As a result, it is not expected that there would be adequate area for FASTC.
	24/7 OPERATION	
	Determination (Suitable, Y/N)	Y Site is buffered by undeveloped land and the Potomac River.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Fort Belvoir, VA
	Mean Temperature, Winter (Degrees, 35+)	39.6	
	Total Annual Snowfall (Inches, not to exceed 30)	21.58	
	Total Days of Snow (Days, not to exceed 20)	10	
	Days w/ <32 Deg Temps (Not to exceed 110)	95	
	Mean Temperature, Summer (82 deg or less)	75.00	
	Days w/90+ Deg Temps (Not to exceed 60)	22	
	PROXIMITY		Fort Belvoir, VA
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	0:31	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	16.5	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

33. Camp Peary



No Scale





33

Camp Peary (non-CNIC)
 Williamsburg, VA
Step 1

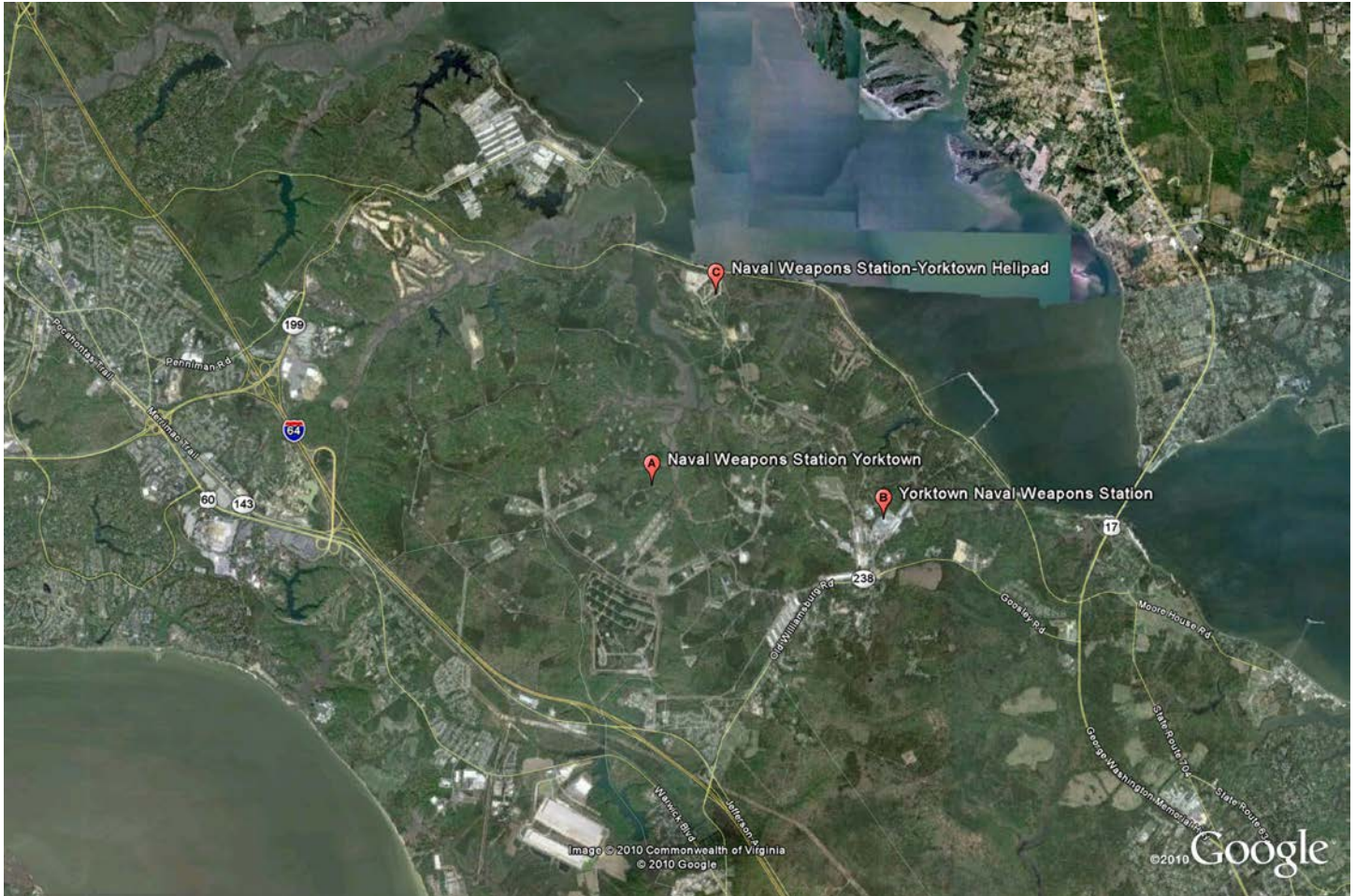
STEP 1: MANDATORY	PUBLIC OWNERSHIP	
	Publicly Owned (Y/N)	Y
	MINIMUM SIZE	
	Parcel(s) Sizes (Acres, 1,500+)	9,276 This base is a completely classified facility that is closed to the public and most US Government agencies. Land will not be available for FASTC.
	24/7 OPERATION	
	Determination (Suitable, Y/N)	Y Site is buffered from nearby Williamsburg by undeveloped land and the Potomac River.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Williamsburg, VA
	Mean Temperature, Winter (Degrees, 35+)	45.4	
	Total Annual Snowfall (Inches, not to exceed 30)	8.9	
	Total Days of Snow (Days, not to exceed 20)	6	
	Days w/ <32 Deg Temps (Not to exceed 110)	49	
	Mean Temperature, Summer (82 deg or less)	77.33	
	Days w/90+ Deg Temps (Not to exceed 60)	20	
	PROXIMITY		
	Williamsburg, VA 23185 (Camp Peary)		
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	2:49	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	151	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

34. Naval Weapon Station Yorktown



No Scale





34

NWS Yorktown
 Yorktown, VA
Step 1

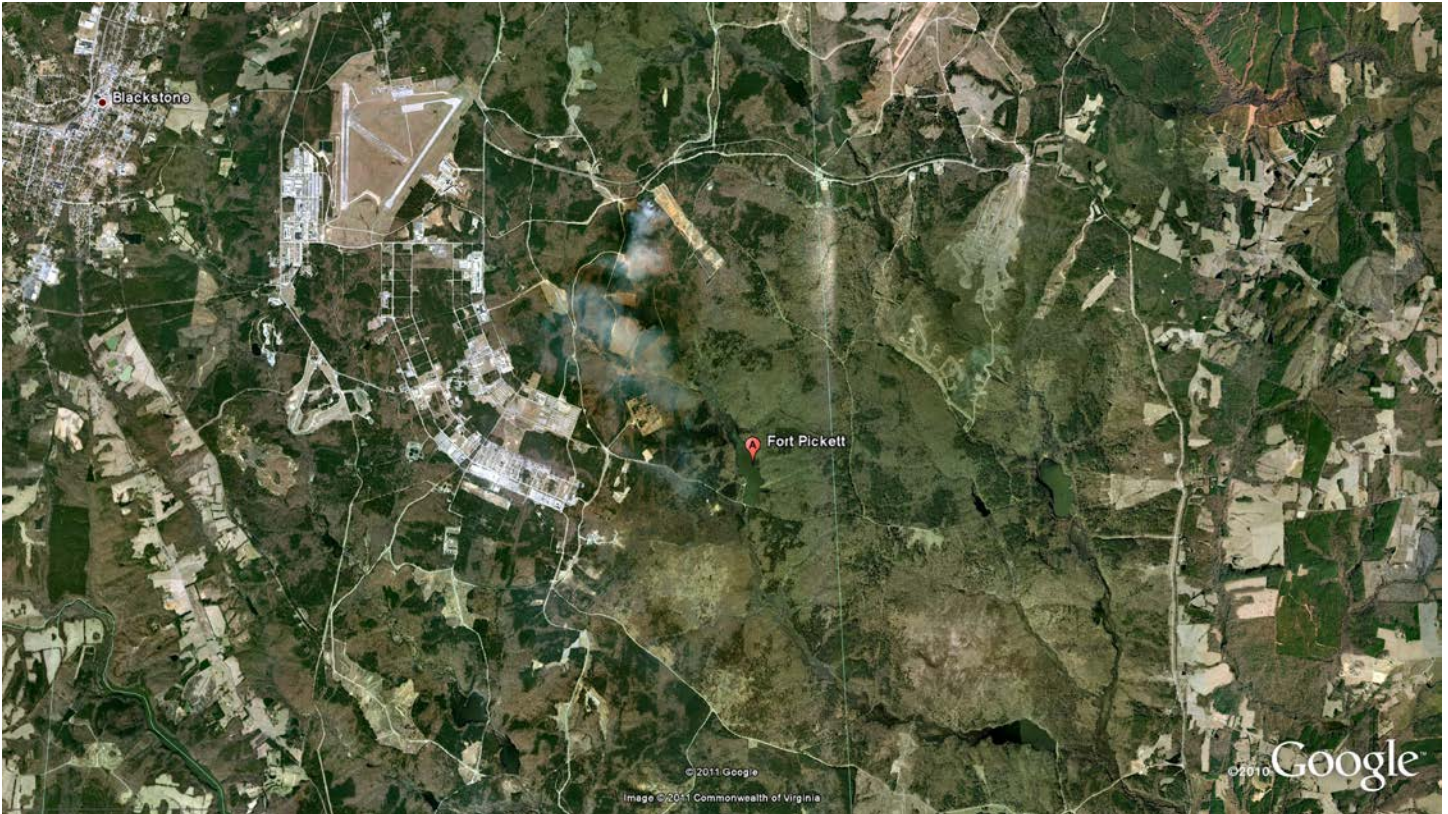
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	10,637	Naval Weapons Station Yorktown hosts 25 tenant commands and 19 Storefronts on a 10,637 acre site. With development dispersed throughout the site, 1500 acres may not be available for FASTC.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is buffered by undeveloped land, the Potomac River and Colonial National Park.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Yorktown, VA	
	Mean Temperature, Winter (Degrees, 35+)	45.4	
	Total Annual Snowfall (Inches, not to exceed 30)	8.9	
	Total Days of Snow (Days, not to exceed 20)	6	
	Days w/ <32 Deg Temps (Not to exceed 110)	49	
	Mean Temperature, Summer (82 deg or less)	77.33	
	Days w/90+ Deg Temps (Not to exceed 60)	20	
	PROXIMITY	Yorktown, VA 23691 (Naval Weapons Station Yorktown)	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	2:58	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	160	

DETERMINATION**NOT A CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

35. Fort Pickett ARNG MTC







No Scale

35

Step 1

Fort Pickett, ARNG MTC
 Blackstone, VA

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	Available parcels include Ft Pickett and adjacent LRA land
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	41,595	Approximately 3,028 acres are considered excess to the DoD and approximately 2,950 acres were transferred to the Fort Pickett Local Reuse Authority.
	24/7 OPERATION		
STEP 1: RELATIVE	Determination (Suitable, Y/N)	Y	Site is in rural southern Virginia, buffered along most of its perimeter.
	WEATHER (Temperature in Fahrenheit)		Blackstone, VA
	Mean Temperature, Winter (Degrees, 35+)	43.4	
	Total Annual Snowfall (Inches, not to exceed 30)	14.02	
	Total Days of Snow (Days, not to exceed 20)	6	
	Days w/ <32 Deg Temps (Not to exceed 110)	78	
	Mean Temperature, Summer (82 deg or less)	76.67	
	Days w/90+ Deg Temps (Not to exceed 60)	32	
	PROXIMITY		Blackstone, VA 23824 (Fort Pickett)
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	3:15	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	164	
	DETERMINATION	CANDIDATE	

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

Fort Pickett, ARNG MTC

Blackstone, VA

Step 2

DEVELOPABLE AREA

The property must contain sufficient developable area to support the FASTC mission and program of requirements. Suitability analysis should consider the following characteristics at a minimum: parcel configuration, topography, floodplains, wetlands, steep slopes, historic and cultural resources, transportation and access, availability of utilities, etc

Y

Parcels allow successful test fits.

COMPATIBLE SURROUNDINGS

The surrounding context must adequately buffered from FASTC 24/7 impacts. This may be accomplished by setbacks, compatible adjacent use, noise controls, or other methods.

Y

Much of the Fort's perimeter is buffered by agricultural land. Much of this land is encumbered to prevent more intense development by agreements under the Army Compatible Use Buffer Program. The town of Blackstone (approx. 3,700) is near Ft. Pickett.

STEP 2: MANDATORY

KEY



Achieves
Mandatory
Criteria



Fails
Mandatory
Criteria



Achieves
Relative
Criteria



Fails
Relative
Criteria

35

Fort Pickett, ARNG MTC
Blackstone, VA

STEP 2: RELATIVE

EASE OF ACQUISITION

The quantity of parcels, any pre-existing restrictions or controls on the property's use or acquisition, as well as land costs all contribute to the ease of acquisition.

Y

Parcels would be acquired via purchase from Nottoway County and use permit between federal agencies.

ACCESS TO LIFE SUPPORT

The nearest life support / Level I trauma center/facility should be identified.

Y

VCU Medical Center, Richmond: 43 miles away

CLIMATE

A preliminary assessment of local support or opposition for FASTC should be prepared.

Y

This community is aware of its interdependence with Ft. Pickett and is engaged in supporting its activities as well as criticizing its impacts. Preliminary research shows that the outcome may be positive, but extensive community engagement is expected.

DETERMINATION

**MEETS STEP
2 REQS**

KEY



Achieves
Mandatory
Criteria



Fails
Mandatory
Criteria

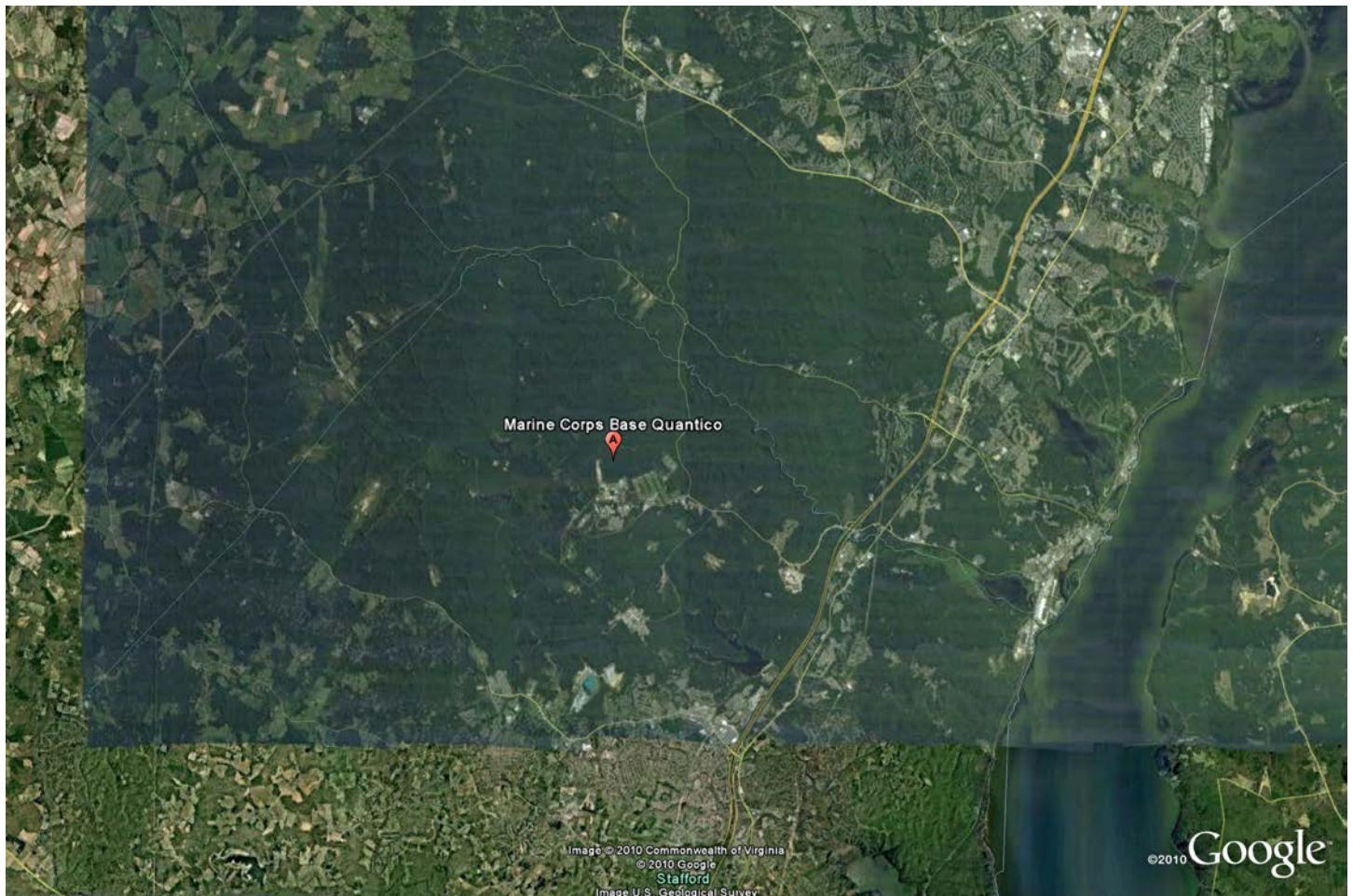


Achieves
Relative
Criteria



Fails
Relative
Criteria

36. Marine Corps Base Quantico



36

MCB Quantico

Quantico, VA

Step 1

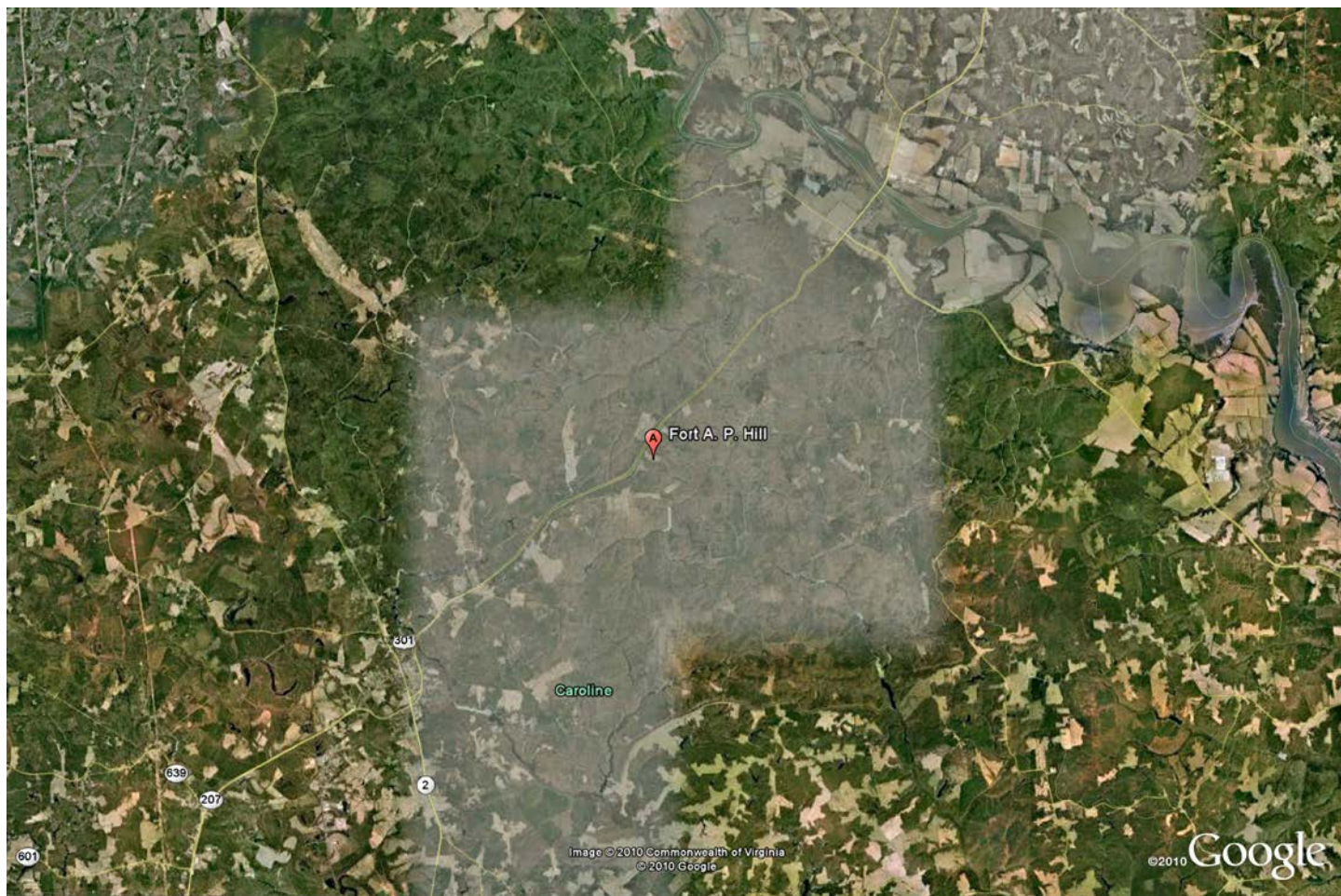
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	60,314	4/14/2010: Per contact with Commander Adams, no land is available.
	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is buffered along the perimeter by Prince William Forest Park and the Potomac River

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Quantico, VA
	Mean Temperature, Winter (Degrees, 35+)	41.2	
	Total Annual Snowfall (Inches, not to exceed 30)	13.88	
	Total Days of Snow (Days, not to exceed 20)	6	
	Days w/ <32 Deg Temps (Not to exceed 110)	81	
	Mean Temperature, Summer (82 deg or less)	76.33	
	Days w/90+ Deg Temps (Not to exceed 60)	28	
	PROXIMITY		3250 Catlin Ave, Quantico, VA 22134 (Marine Corps Base Quantico)
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	0:56	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	39.4	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

37. Fort A.P. Hill







37

Fort AP Hill
 Bowling Green, VA
Step 1

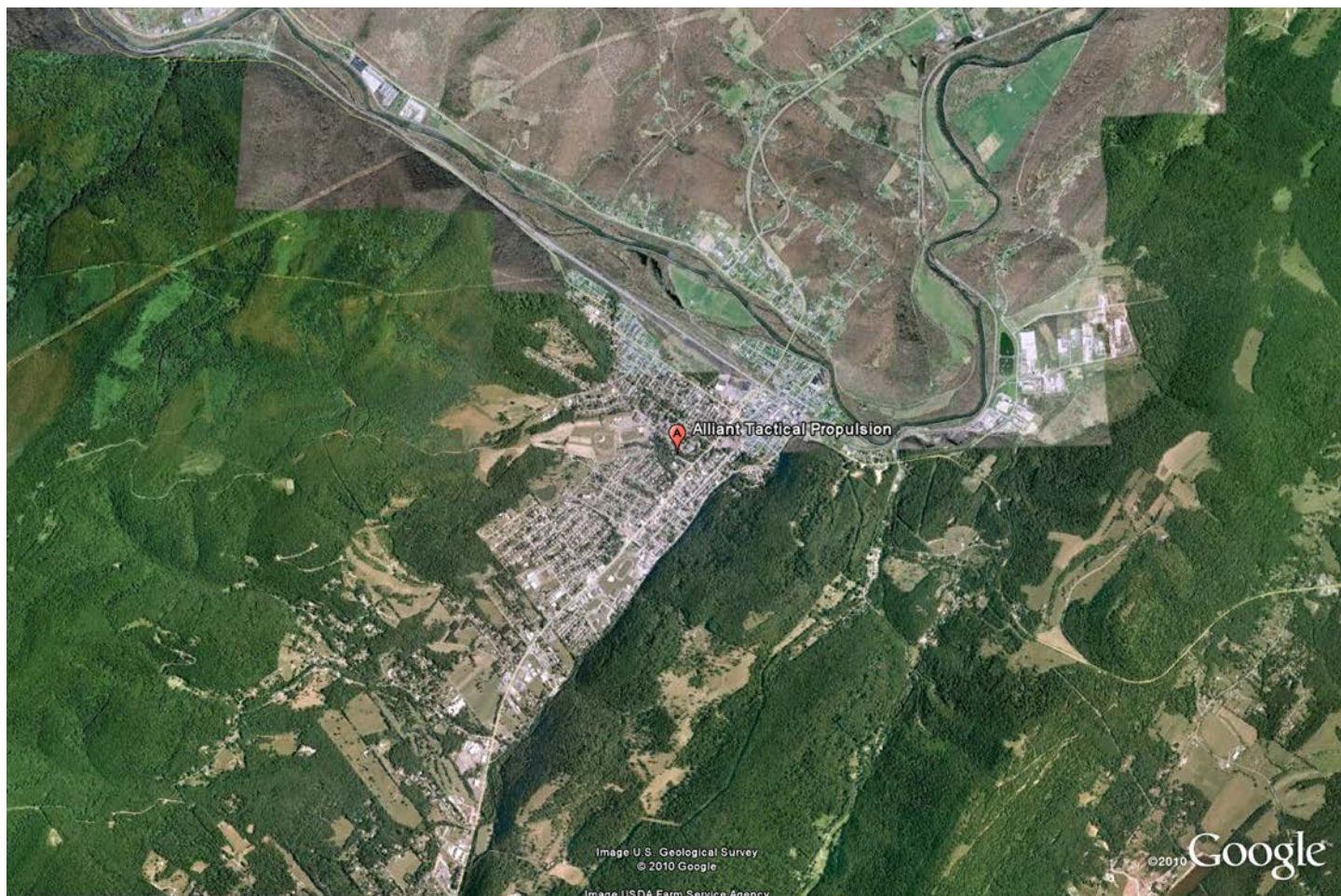
STEP 1: MANDATORY	PUBLIC OWNERSHIP	
	Publicly Owned (Y/N)	Y
	MINIMUM SIZE	
	Parcel(s) Sizes (Acres, 1,500+)	75,873 3/3/10 Bill Birney Army Facilities, A.P. Hill is not available primarily because Army cannot offer exclusivity. Exclusive use is a FASTC operational requirement.; 4/10/2010: Shirley Bland, Realty Specialist; shared terrain only, incompatible terrain
STEP 1: MANDATORY	24/7 OPERATION	
	Determination (Suitable, Y/N)	Y Fort AP Hill is located in a rural area, mostly in Caroline County.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Bowling Green, VA
	Mean Temperature, Winter (Degrees, 35+)	41.2	
	Total Annual Snowfall (Inches, not to exceed 30)	13.88	
	Total Days of Snow (Days, not to exceed 20)	6	
	Days w/ <32 Deg Temps (Not to exceed 110)	81	
	Mean Temperature, Summer (82 deg or less)	76.33	
	Days w/90+ Deg Temps (Not to exceed 60)	28	
	PROXIMITY		
	Bowling Green, VA 22427 (Fort A. P. Hill)		
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:44	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	81.8	

DETERMINATION**NOT A CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

38. Allegany Ballistics Lab



No Scale





38

Allegany Ballistics Lab
 Rocket Center, WV
Step 1

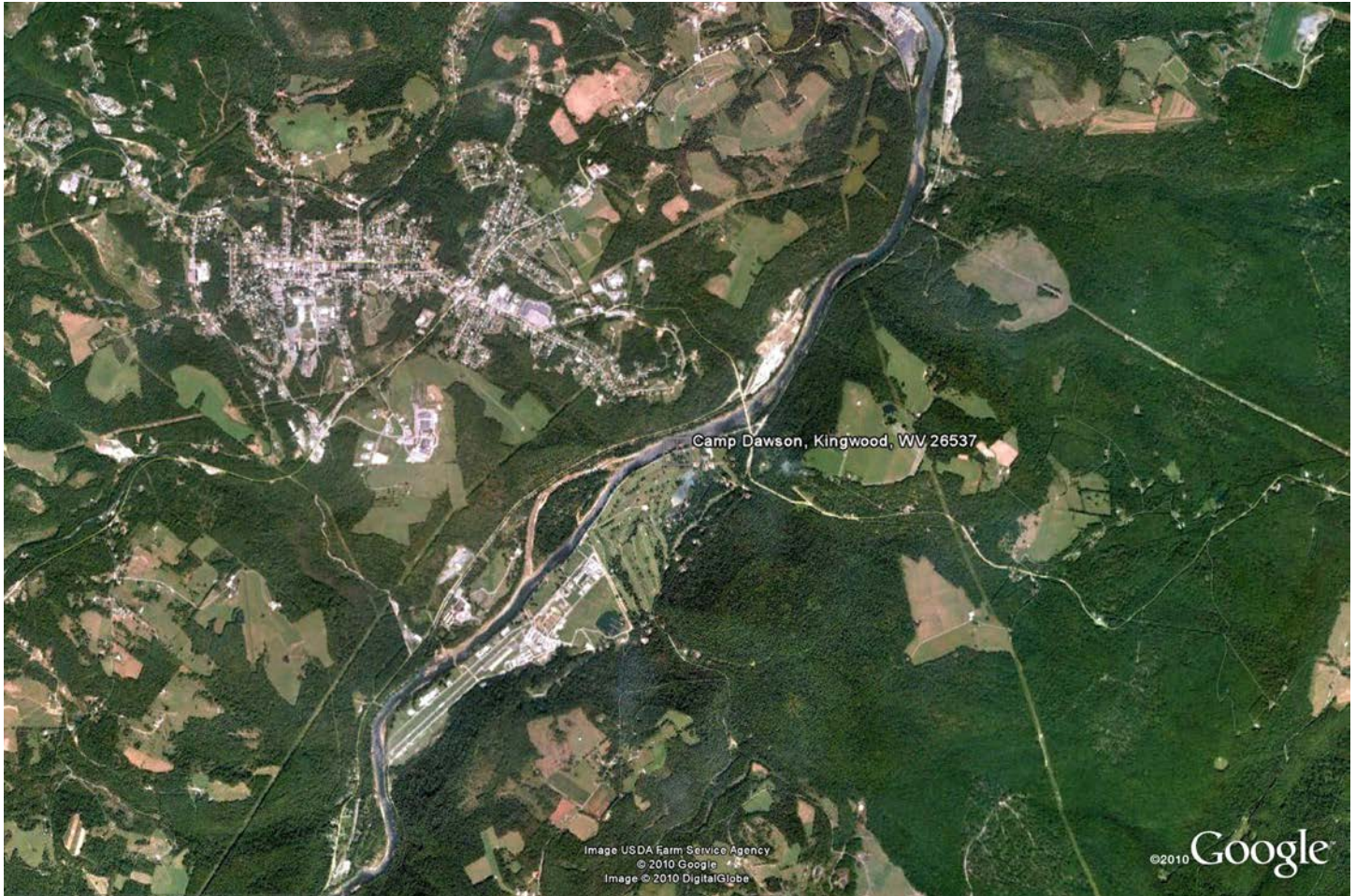
STEP 1: MANDATORY	PUBLIC OWNERSHIP	
	Publicly Owned (Y/N)	Y
	MINIMUM SIZE	
	Parcel(s) Sizes (Acres, 1,500+)	1,785 This research lab and EPA superfund site is not expected to yield 1500 acres for FASTC. Contaminants found in the ground water and soil include explosives, volatile organic compounds (VOCs), acids, bases, perchlorate, laboratory and industrial wastes, bottom sludge from solvent recovery, metal plating pretreatment sludge, paints, and thinners.
STEP 1: MANDATORY	24/7 OPERATION	
	Determination (Suitable, Y/N)	N Most of this site is developed with laboratory uses.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		<i>Pinto, MD</i>
	Mean Temperature, Winter (Degrees, 35+)	34.8	
	Total Annual Snowfall (Inches, not to exceed 30)	65.99	
	Total Days of Snow (Days, not to exceed 20)	45	
	Days w/ <32 Deg Temps (Not to exceed 110)	146	
	Mean Temperature, Summer (82 deg or less)	67.67	
	Days w/90+ Deg Temps (Not to exceed 60)	2	
	PROXIMITY		<i>Rocket Center, WV</i>
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	2:51	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	145	

DETERMINATION**NOT A CANDIDATE**Fails Mandatory Criteria:
Minimum SizeFails Relative Criteria:
Meant Temperature, Winter
Total Annual Snowfall
Total Days of Snow
Days with <32 Degree Temperatures

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

39. CTC Camp Dawson*



***Note:**

This site did not meet Step 1 mandatory criteria and was not considered a Candidate site. However, test fits were performed in response to specific requests from Congressional delegations.

39

Step 1

CTC Camp Dawson
Kingwood, WV

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	N	Site is both publicly and privately owned. West Virginia National Guard has a land use agreement for the Pringle Tract.
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	3,302	Camp Dawson provides training for Army National Guard, Army Reserve, ROTC and other Active and Reserve components of Air Force, Navy and Marine Corps.
STEP 1: RELATIVE	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Portions of the site are near residential development.
	WEATHER (Temperature in Fahrenheit)		Kingwood, WV
	Mean Temperature, Winter (Degrees, 35+)	34.8	
STEP 1: RELATIVE	Total Annual Snowfall (Inches, not to exceed 30)	65.99	
	Total Days of Snow (Days, not to exceed 20)	45	
	Days w/ <32 Deg Temps (Not to exceed 110)	146	
	Mean Temperature, Summer (82 deg or less)	67.67	
STEP 1: RELATIVE	Days w/90+ Deg Temps (Not to exceed 60)	2	
	PROXIMITY		Camp Dawson, Kingwood, WV
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	3:48	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	185	
DETERMINATION		NOT A CANDIDATE	Fails Mandatory Criteria: Publicly Owned Fails Relative Criteria: Mean Temperature, Winter; Total Annual Snowfall; Total Days of Snow; Days with <32 Deg Temperatures

Step 2

STEP 2: MANDATORY	DEVELOPABLE AREA		
	The property must contain sufficient developable area to support the FASTC mission and program of requirements. Suitability analysis should consider the following characteristics at a minimum: parcel configuration, topography, floodplains, wetlands, steep slopes, historic and cultural resources, transportation and access, availability of utilities, etc	N	Significant topographic elevation change prevents development.
	COMPATIBLE SURROUNDINGS		
	The surrounding context must adequately buffered from FASTC 24/7 impacts. This may be accomplished by setbacks, compatible adjacent use, noise controls, or other methods.	Y	Portions of the site are located near residential development.
STEP 2: RELATIVE	EASE OF ACQUISITION		
	The quantity of parcels, any pre-existing restrictions or controls on the property's use or acquisition, as well as land costs all contribute to the ease of acquisition.	N	Land is both publicly and privately held.
	ACCESS TO LIFE SUPPORT		
	The nearest life support / Level I trauma center/facility should be identified.	Y	West Virginia University Hospitals, Inc. Morgantown, WV (26 miles away)
STEP 2: RELATIVE	CLIMATE		
	A preliminary assessment of local support or opposition for FASTC should be prepared.		

KEY

			
Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

40. National Conservation Training Center







No Scale

National Conservation Training
 Shepherdstown, WV
Step 1

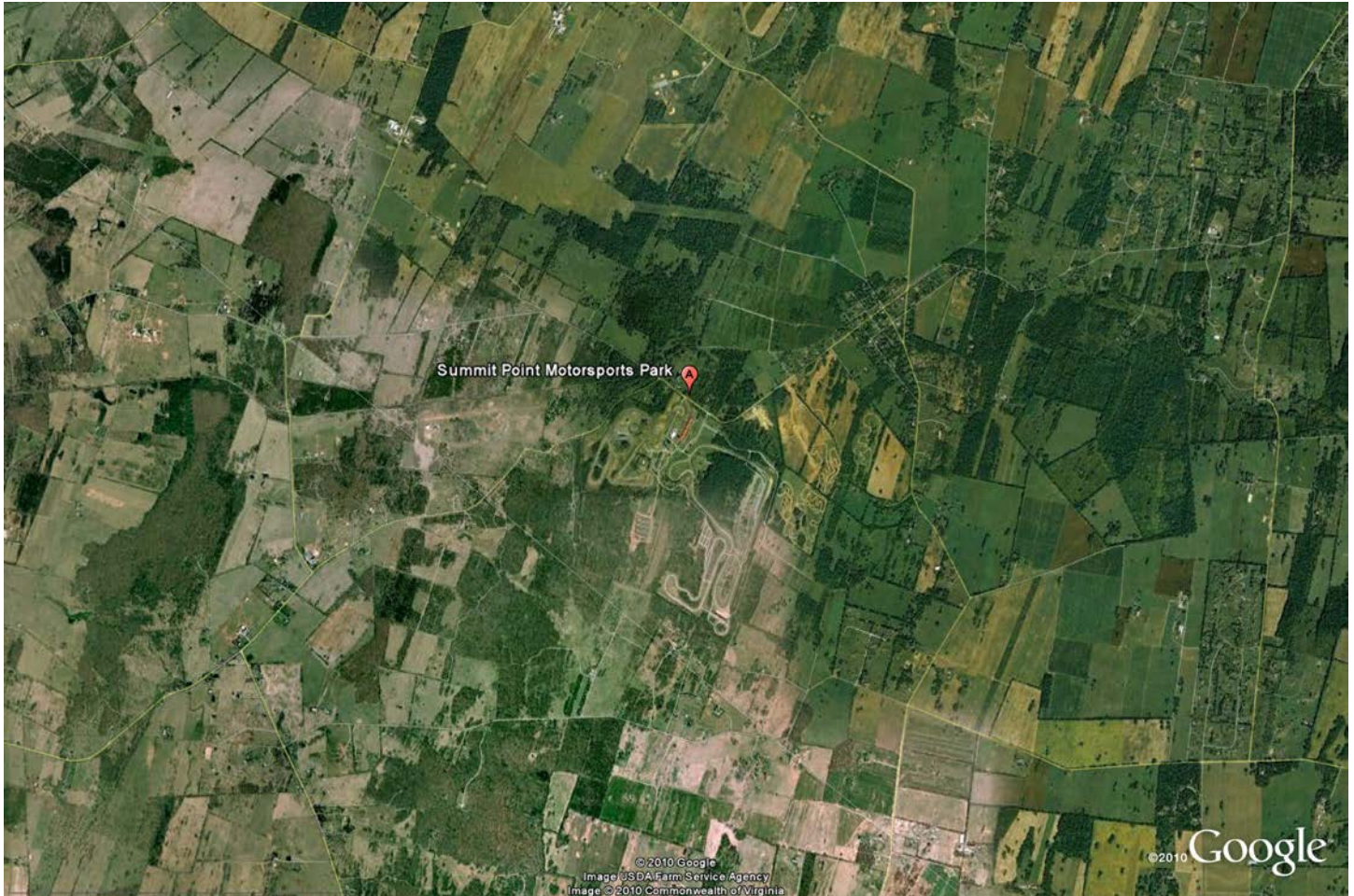
STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	Y	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	538	Entire facility totals only 538 acres, which is insufficient.
STEP 1: MANDATORY	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is removed from significant development.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)		Shepherdstown, WV
	Mean Temperature, Winter (Degrees, 35+)	38.2	
	Total Annual Snowfall (Inches, not to exceed 30)	23	
	Total Days of Snow (Days, not to exceed 20)	12	
	Days w/ <32 Deg Temps (Not to exceed 110)	105	
	Mean Temperature, Summer (82 deg or less)	73.67	
	Days w/90+ Deg Temps (Not to exceed 60)	24	
	PROXIMITY		National Conservation Training, Shepherdstown, WV
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:43	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	75.2	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

41. Summit Point Raceway



41

Summit Point Raceway





Summit Point, WV

Step 1

STEP 1: MANDATORY	PUBLIC OWNERSHIP		
	Publicly Owned (Y/N)	N	
	MINIMUM SIZE		
	Parcel(s) Sizes (Acres, 1,500+)	1,250	The entire facility totals less than 1,250 acres, which is insufficient.
STEP 1: MANDATORY	24/7 OPERATION		
	Determination (Suitable, Y/N)	Y	Site is in rural West Virginia, surrounded by agricultural and undeveloped land.

STEP 1: RELATIVE	WEATHER (Temperature in Fahrenheit)	Summit Point, WV	
	Mean Temperature, Winter (Degrees, 35+)	38.2	
	Total Annual Snowfall (Inches, not to exceed 30)	23	
	Total Days of Snow (Days, not to exceed 20)	12	
	Days w/ <32 Deg Temps (Not to exceed 110)	105	
	Mean Temperature, Summer (82 deg or less)	73.67	
	Days w/90+ Deg Temps (Not to exceed 60)	24	
	PROXIMITY	Summit Point Raceway, Summit Point WV	
	Drive Time from 1801 N. Lynn St. (Hours: Mins, Less than 4 hrs)	1:19	
	Distance from 1801 N. Lynn St. (Miles, less than 220)	71.5	

DETERMINATION**NOT A
CANDIDATE**Fails Mandatory Criteria:
Publicly Owned
Minimum Size

KEY				
	Achieves Mandatory Criteria	Fails Mandatory Criteria	Achieves Relative Criteria	Fails Relative Criteria

**APPENDIX C
CORRESPONDENCE**

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ATTACHMENT

PRELIMINARY JURISDICTIONAL DETERMINATION FORM

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PRELIMINARY JURISDICTIONAL DETERMINATION (JD): 5-29-2012

B. NAME AND ADDRESS OF PERSON REQUESTING PRELIMINARY JD:

Luke DuPont of Cardno TEC, Inc. 11817 Canon Blvd., Newport News, VA

On behalf of U.S. State Department – Bureau of Diplomatic Security

C. DISTRICT OFFICE, FILE NAME, AND NUMBER: NAO 2012-1084
(Hurricane Branch, Birchin Creek and associated Tributaries)

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION: Fort

Pickett 3 parcels LRA9, LRA 10, and 21/20

(USE THE ATTACHED TABLE TO DOCUMENT MULTIPLE WATERBODIES AT DIFFERENT SITES)

State:VA County/parish/borough: Nottoway City: Blackstone

Center coordinates of site (lat/long in degree decimal format):

Lat. For LRA 9 (center) 37-03-22 °, Long. -77-57-27 °

Lat. For LRA10 (center) 37-04-14 °, Long. -77-58-47 °

Lat. For 21/20 (center) 37-03-43 , Long. -77-56-02 °

Pick List.

Name of nearest waterbody: Unnamed Tributaries Birchin Creek and Hurricane Branch

Identify (estimate) amount of waters in the review area:

Non-wetland waters: 97,000 linear feet of stream

Cowardin Class: Riverine

Stream Flow:

Wetlands: 105 acres

Cowardin Class: Palustrine

Name of any water bodies on the site that have been identified as Section 10 waters:

Tidal: None

Non-Tidal: None

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

☐ Office (Desk) Determination. Date: 5-2-2012

☒ Field Determination. Date(s): 5-2-2012. The Corps of Engineers believes that there may be jurisdictional waters of the United States on the subject site, and the permit applicant or other affected party who requested this preliminary JD is hereby advised of his or her option to request and obtain an approved jurisdictional determination (JD) for that site. Nevertheless, the permit applicant or other person who requested this preliminary JD has declined to exercise the option to obtain an approved JD in this instance and at this time.

2. In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an approved JD for the activity, the permit applicant is hereby made aware of the following: (1) the permit applicant has elected to seek a permit authorization based on a preliminary JD, which does not make an official determination of jurisdictional waters; (2) that the applicant has the option to request an approved JD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an approved JD could possibly result in less compensatory mitigation being required or different special conditions; (3) that the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) that the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) that undertaking any activity in reliance upon the subject permit authorization without requesting an approved JD constitutes the applicant's acceptance of the use of the preliminary JD, but that either form of JD will be processed as soon as is practicable; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a preliminary JD constitutes agreement that all wetlands and other water bodies on the site affected in any way by that activity are jurisdictional waters of the United States, and precludes any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an approved JD or a preliminary JD, that JD will be processed as soon as is practicable. Further, an approved JD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331, and that in any administrative appeal, jurisdictional issues can be raised (see 33 C.F.R. 331.5(a)(2)). If, during that administrative appeal, it becomes necessary to make an official determination whether CWA jurisdiction exists over a site, or to provide an official delineation of jurisdictional waters on the site, the Corps will provide an approved JD to accomplish that result, as soon as is practicable.

This preliminary JD finds that there "may be" waters of the United States on the subject project site, and identifies all aquatic features on the site that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA. Data reviewed for preliminary JD (check all that apply

- checked items should be included in case file and, where checked and requested, appropriately reference sources below):

☒ Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: .

☒ Data sheets prepared/submitted by or on behalf of the applicant/consultant.

☒ Office concurs with data sheets/delineation report.

☐ Office does not concur with data sheets/delineation report.

☐ Data sheets prepared by the Corps: .

☐ Corps navigable waters' study: .

☐ U.S. Geological Survey Hydrologic Atlas: .

☐ USGS NHD data.

☐ USGS 8 and 12 digit HUC maps.

☐ U.S. Geological Survey map(s). Cite scale & quad name: .

☐ USDA Natural Resources Conservation Service Soil Survey. Citation: .

☐ National wetlands inventory map(s). Cite name: .

☐ State/Local wetland inventory map(s): .

☐ FEMA/FIRM maps: .

☐ 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)


☒ Photographs: ☒ Aerial (Name & Date):unknown.

or ☐ Other (Name & Date): .


☐ Previous determination(s). File no. and date of response letter: .

☐ Other information (please specify): .

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.



Signature and date of

 05/30/12

Signature and date of

Regulatory Project Manager
(REQUIRED)

person requesting preliminary JD
(REQUIRED, unless obtaining
the signature is impracticable)



DEPARTMENT OF THE ARMY
NORFOLK DISTRICT, CORPS OF ENGINEERS
FORT NORFOLK, 803 FRONT STREET
NORFOLK, VIRGINIA 23510-1096

REPLY TO
ATTENTION OF:

August 17, 2012

PRELIMINARY JURISDICTIONAL DETERMINATION

Eastern Virginia Regulatory Section

NAO 2012-1084 (Hurricane Branch, Birch Creek and associated Tributaries)

Mr. Myles J. Goodman
Environmental Planning
U.S. GSA Mid Atlantic Region
20 N 8th Street
Philadelphia, PA 19107

Dear Mr. Goodman:

This letter is in regard to your request for a preliminary jurisdictional determination for limits of waters of the U.S. at 4 additional parcels of land as part of the proposed Department of State, Foreign Affairs Security Training Center, located at Fort Pickett, near Blackstone, Nottoway County Virginia. These parcels are in addition to approximately 1700 acres previously reviewed as parcels 'Parcel LRA', 'Parcel 10,' and 'Parcel 21/20'. These additional 4 areas are referred to as: 'Parcel 10 Access Roadway', 'Range 8 Parcel', the 'Grid Parcel and 'LRA 2' (a small parcel added at the S. end of LRA).

On July 13, 2012, Mr. Irwin Garskof of this office met with your consultant Luke DuPont of Cardno TEC, Inc., and again on August 16, 2012 Mr. Irwin Garskof of this office and Ms Julie Hamilton also of this office, met with your consultant Luke DuPont of Cardno TEC, Inc and Mark Bushing of the Virginia Department of Environmental Protection and to inspect the subject site and review the submitted plans, report and supplemental documents, to determine the limit of jurisdictional waters of the U.S. for these additional parcels. All field reviews have been completed and the final set of delineation maps/plans were received by this office with cover letters dated June 25, 2012 (Grid Parcel) and July 7, 2012 ('Parcel 10 Access Roadway', and 'Range 8 Parcel'). *(Please note that a separate report was not required for the small addition to Parcel LRA, referred to as 'Parcel LRA 2' referenced above)*

These plans as amended accurately portray the location(s) of waters and/or wetlands at this site. The basis for this delineation includes application of the Corps' 1987 Wetland Delineation Manual and the positive indicators of wetland hydrology, hydric soils, and hydrophytic vegetation and the presence of an ordinary high water mark.

Discharges of dredged or fill material, including those associated with mechanized land clearing, into waters and/or wetlands on this site may require a Department of the Army permit and authorization by state and local authorities including a Virginia Water Protection Permit from the Virginia Department of Environmental Quality (DEQ), a permit from the Virginia

Marine Resources Commission (VMRC) and/or a permit from your local wetlands board. This letter is a confirmation of the Corps preliminary jurisdiction for the waters and/or wetlands on the subject property and does not authorize any work in these areas. Please obtain all required permits before starting work in the delineated waters/wetland areas.

This is a preliminary jurisdictional determination and is therefore not a legally binding determination regarding whether Corps jurisdiction applies to the waters or wetlands in question. Accordingly, you may either consent to jurisdiction as set out in this preliminary jurisdictional determination and the attachments hereto if you agree with the determination, or you may request and obtain an approved jurisdictional determination. This preliminary jurisdictional determination and associated wetland delineation map may be submitted with a permit application.

Enclosed are two copies of the "Preliminary Jurisdictional Determination Form". Please review the document, sign both copies, return one copy to the Corps (PO Box 1046, Clarksville, VA 23927) within 30 days of receipt and keep one for your records. This delineation of waters and/or wetlands is valid for a period of five years from the date of this letter unless new information warrants revision prior to the expiration date.

If you have any questions concerning this matter or would like further assistance, please contact Mr. Garskof at (434) 374 5406 or irwin.garskof@usace.army.mil. Thank you.

Sincerely,

A handwritten signature in dark ink, appearing to read "Kimberly Prisco-Baggett", is written over a faint, circular official stamp.

for Kimberly Prisco-Baggett
Chief, Eastern Virginia Regulatory Section

Enclosures: Preliminary Jurisdictional Determination Form (2 copies)

Copy Furnished:
Virginia Department of Environmental Quality, BRRO, Attn Mark Bushing

ATTACHMENT

PRELIMINARY JURISDICTIONAL DETERMINATION FORM

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PRELIMINARY JURISDICTIONAL DETERMINATION (JD): 8-17-2012

B. NAME AND ADDRESS OF PERSON REQUESTING PRELIMINARY JD

Mr. Myles J. Goodman
Environmental Planning
U.S. GSA Mid Atlantic Region
20 N 8th Street
Philadelphia, PA 19107

C. DISTRICT OFFICE, FILE NAME, AND NUMBER: :

Eastern Virginia Regulatory Section

NAO 2012-1084 (Hurricane Branch, Birchin Creek and associated Tributaries)

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION: Fort Pickett,
Nottoway County VA

(USE THE ATTACHED TABLE TO DOCUMENT MULTIPLE WATERBODIES AT DIFFERENT SITES)

State: VA County/parish/borough: Nottoway County City: near Blackstone

Center coordinates of site (lat/long in degree decimal format): Center:

Lat start: 37-03-22

Long start: -77-58-47

Universal Transverse Mercator:

Name of nearest waterbody: Hurricane Branch

Identify (estimate) amount of waters in the review area:

Total waters: (ft) and/or acres

Cowardin Class:

Cowardin Class: -

Name of any water bodies on the site that have been identified as Section 10 waters:

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

☐ Office (Desk) Determination. Date:

☒ Field Determination. Date(s): Various

1. The Corps of Engineers believes that there may be jurisdictional waters of the United States on the subject site, and the permit applicant or other affected party who requested this

preliminary JD is hereby advised of his or her option to request and obtain an approved jurisdictional determination (JD) for that site. Nevertheless, the permit applicant or other person who requested this preliminary JD has declined to exercise the option to obtain an approved JD in this instance and at this time.

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- ☐ Data sheets prepared by the Corps: .
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- ☐ USGS NHD data.
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- ☒ U.S. Geological Survey map(s). Cite scale & quad name: 7.5 min.
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- ☐ National wetlands inventory map(s). Cite name: .
- ☐ State/Local wetland inventory map(s): .
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- ☐ 100-year Floodplain Elevation is: . (National Geodetic Vertical Datum of 1929)
- ☐ Photographs: ☒ Aerial (Name & Date): Undated
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8-17-2012

Signature and date of
Regulatory Project Manager
(REQUIRED)



8/18/12

Signature and date of
person requesting preliminary JD
(REQUIRED, unless obtaining the signature
is impracticable)

ATTACHMENT

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U.S. GSA Mid Atlantic Region
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Total waters: (ft) and/or acres

Cowardin Class:

Cowardin Class: -

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 - ☐ Office does not concur with data sheets/delineation report.

- ☐ Data sheets prepared by the Corps: .
- ☐ Corps navigable waters' study: .
- ☐ U.S. Geological Survey Hydrologic Atlas: .
- ☐ USGS NHD data.
- ☐ USGS 8 and 12 digit HUC maps.
- ☒ U.S. Geological Survey map(s). Cite scale & quad name: 7.5 min.
- ☐ USDA Natural Resources Conservation Service Soil Survey. Citation: .
- ☐ National wetlands inventory map(s). Cite name: .
- ☐ State/Local wetland inventory map(s): .
- ☐ FEMA/FIRM maps: .
- ☐ 100-year Floodplain Elevation is: . (National Geodetic Vertical Datum of 1929)
- ☐ Photographs: ☒ Aerial (Name & Date): Undated
or ☐ Other (Name & Date): .
- ☐ Previous determination(s). File no. and date of response letter: .
- ☐ Other information (please specify): .

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.



8-17-2012

Signature and date of
Regulatory Project Manager
(REQUIRED)



8/18/12

Signature and date of
person requesting preliminary JD
(REQUIRED, unless obtaining the signature
is impracticable)

Hall, Kathy E.

Subject: FW: FASTC Project Review USFWS

From: Sumalee_Hoskin@fws.gov [mailto:Sumalee_Hoskin@fws.gov]

Sent: Friday, August 31, 2012 9:34 AM

To: Fuery, Erika A.

Subject: RE: FASTC Project Review

Hi Erika,

Thanks for sending the letter. Yes, typically you are to assume you have our concurrence when you send in a certification packet. I did look at your packet and do concur with your determinations.

Sumalee

Note: Our phone lines are not working properly. Please try 804 824 9720 or 9740 to reach me. My ext. is 128

Sumalee Hoskin
US Fish & Wildlife Service
6669 Short Lane
Gloucester, VA 23061

Tel: 804-693-6694 ex. 128

Fax: 804-693-9032

Visit us at <http://www.fws.gov/northeast/virginiafield/>



GSA Mid-Atlantic Region

July 16, 2012

Ms. Kimberly Smith
Endangered Species Section
U.S. Fish and Wildlife Service
6669 Short Lane
Gloucester, VA 23061

Re: PROPOSED DEVELOPMENT OF A U.S. DEPARTMENT OF STATE, BUREAU OF DIPLOMATIC SECURITY FOREIGN AFFAIRS SECURITY TRAINING CENTER IN NOTTOWAY COUNTY, VIRGINIA BY THE U.S. GENERAL SERVICES ADMINISTRATION

Dear Ms. Smith,

The United States (U.S.) General Services Administration (GSA) is preparing an Environmental Impact Statement (EIS) for the proposed acquisition of land and development of a U.S. Department of State (DOS), Bureau of Diplomatic Security (DS) Foreign Affairs Security Training Center (FASTC). This letter is to request informal consultation with the U.S. Fish and Wildlife Service (USFWS) in accordance with Section 7 of the Endangered Species Act and the Bald and Golden Eagle Protection Act, including review of GSA's determination for the proposed action.

GSA is the action proponent for the proposed project and is acting in cooperation with DOS, U.S. Army Corps of Engineers, U.S. Environmental Protection Agency and National Guard Bureau. The U.S. Army Corps of Engineers will have permitting authority over this action as it would affect waters of the U.S. (i.e. jurisdictional wetlands) and would participate in consultation with your agency, if deemed necessary.

Project Description

The proposed development would occur on four parcels of land at the Army National Guard Maneuver Training Center (ARNG-MTC) Fort Pickett, managed by Virginia ARNG, and Nottoway County Local Redevelopment Authority (LRA) in Nottoway County, Virginia, near the town of Blackstone (Enclosure 1); referred to herein as ARNG-MTC Parcels 21/20 and Grid Parcel, and Nottoway County LRA Parcel 9 and LRA Parcel 10. These parcels comprise the action area (Enclosure 1). The use of Parcel 21/20 and Grid Parcel would be authorized by a Land Use Agreement implemented through a Memorandum of Understanding with ARNG, and LRA Parcels 9 and 10 would be purchased from Nottoway County.

The project would consolidate existing dispersed training functions into a single location to improve training efficiency and enhance the training operations of DS. At project completion, the proposed FASTC would be a complete training center for 8,000-10,000 students annually. The facility would provide state-of-the-art instruction in soft and hard skills, as well as administrative and life support functions, including a residential campus. Facilities that would be constructed to support the FASTC program include a Main Campus (classrooms, dormitories and other life support, administration, and security), a Mock Urban Tactical Training Area, High Speed Driving Tracks, Off Road/Unimproved Driving Tracks, Firing Ranges, and Explosives Ranges.

U.S. General Services Administration
20 N. 8th Street
Philadelphia, PA 19107-3191
www.gsa.gov

FASTC would be developed in three phases between 2014 and 2020 and would require the clearing of approximately 1,400 acres of primarily forested land for the construction of facilities.

GSA is considering two build alternatives for the proposed FASTC facility and a no action alternative. The main differences between the build alternatives are the location of the Main Campus and the layout of the project on two parcels versus four parcels. The two action alternatives consist of varied layouts that consider the programmatic requirements of the proposed FASTC facility and configurations that minimize environmental impacts. Design of this project has not been completed and a final decision on the preferred alternative has not yet been made. Therefore, GSA is requesting your review of both alternatives, which are described below and depicted on Enclosures 2 and 3.

- Alternative 1

Under Alternative 1, the facilities would be constructed on Parcel 21/20 and LRA Parcel 9 (Enclosure 2). The Main Campus would be centrally located on a plateau along the western boundary of Parcel 21/20. Locating the Main Campus on a plateau of Parcel 21/20 utilizes a relatively flat area to minimize re-grading. A dense development footprint minimizes encroachment on existing wetlands.

Firing Ranges would be located in the east-central portion of Parcel 21/20, northeast of the campus area. Range buildings are located to maximize the use of existing roads and an existing ARNG-MTC 300 meter firing range (Range 8), which would minimize the area of development and associated environmental impacts.

Explosives Ranges would be located in the northern portion of Parcel 21/20. Access to the Explosives Ranges would be achieved with a combination of new roads and existing tank trails. Individual explosive pads are positioned to keep all blast fragment clearances entirely within Parcel 21/20 boundaries.

The Mock Urban Tactical Training Area would be situated in the eastern portion of LRA Parcel 9 and the High Speed Driving Track and Off Road/Unimproved Driving Track Areas would occupy the majority of the remaining land area. FASTC Emergency Services (EMS) would be co-located with the ARNG-MTC EMS adjacent to the southern boundary of LRA Parcel 9, on Military Road to take advantage of synergies between the agencies.

- Alternative 2

Alternative 2 includes all of the FASTC program elements that are included in Alternative 1. The Main Campus would be located on LRA Parcel 10 to the west of LRA Parcel 9 and the Explosive Ranges would be constructed in an alternative configuration (Enclosure 3).

Similar to Alternative 1, the High Speed Driving Tracks and Off Road/Unimproved Driving Track Areas would be located on LRA Parcel 9; however, the driving tracks would be spaced farther apart and Mock Urban Tactical Training Area would be located on the Grid Parcel.

Federal Threatened and Endangered Species

The USFWS Information, Planning, and Conservation (IPaC) System and existing information from VAARNG were utilized to identify species listed under the Federal Endangered Species Act that have

potential to occur in the action area. An official USFWS species list was generated for the action area. The following species were recorded (Enclosure 4):

Roanoke logperch (*Percina rex*)-(endangered)
Dwarf wedgemussel (*Alasmidonta heterodon*)-(endangered)
Michaux's sumac (*Rhus michauxii*)-(endangered)

The Virginia Fish and Wildlife Information Service was also queried for the area within a three mile radius of the action area center and no additional federally listed, proposed or candidate species were identified.

The Roanoke logperch typically inhabits medium-to-large, warm, usually clear streams and small rivers of moderate to low gradient. Adults usually inhabit the main body of stream pools, runs, and riffles and select areas with exposed, silt free gravel substrate (USFWS 2003). An online inquiry with the Virginia Department of Game and Inland Fisheries' Fish and Wildlife Information Service identified approximately 300 feet of Hurricane Branch, along the western boundary of LRA Parcel 10, as potential Roanoke Logperch habitat. The potential for logperch to occur in this area is considered to be low due the presence of a downstream spillway that would hinder fish movements. No development on LRA Parcel 10 would occur within 100 feet of Hurricane Branch and no new stream crossings of Hurricane Branch are proposed. One stream crossing is proposed across a tributary to Hurricane Branch. This tributary has been previously disturbed by the installation of underground utilities. No in-stream work would occur in Hurricane Branch or its tributaries eliminating the potential for direct impacts to Roanoke logperch. The use of Best Management Practices (BMPs) for sedimentation and erosion control during all aspects of FASTC construction and the incorporation of biofiltration and other stormwater management features would eliminate the potential for impacts to surface waters on or downstream of the project area, including Hurricane Branch and its tributaries. Therefore, GSA has determined that the proposed action would have no effect on Roanoke logperch.

The dwarf wedgemussel lives on muddy sand, sand, and gravel bottoms in creeks and rivers of various sizes. It requires areas of slow to moderate current, good water quality, and little silt deposition. The only known population of dwarf wedgemussel in Nottoway County is found in the main stem of the Nottoway River (USFWS 1993). This species is not known to occur in the project area; however, the use of BMPs for sedimentation and erosion control during all aspects of FASTC construction would eliminate the potential for impacts to surface waters on or downstream of the project area, thereby eliminating any potential impacts to dwarf wedgemussel should they be present on LRA Parcel 10 in Hurricane Branch. Therefore, GSA has determined that the proposed action would have no effect on dwarf wedgemussel.

Michaux's sumac is known to occur on ARNG-MTC, and all known stands of this plant have been mapped (VAARNG 2007). Michaux's sumac is unlikely to occur on Parcel 21/20, Grid Parcel or LRA Parcel 9. The action area parcels are primarily forested. The fringe areas of the forests on these parcels are dominated by shrubs that are much larger than Michaux's sumac, and this species would not be able to compete for space and necessary resources in these areas. The frequent use of mowing instead of prescribed burning of open areas on the parcels also renders the habitat unlikely to support this species. Potential habitat for Michaux's sumac was identified during the habitat review of LRA Parcel 10 along a power utility easement on the southern border of the parcel. A site access road is proposed to traverse this easement. GSA retained a qualified botanist, approved by USFWS, to conduct a survey for Michaux's sumac on this power easement in June 2012. The survey determined that Michaux's sumac was not

present in the proposed action area. GSA is submitting the survey report with this correspondence for USFWS approval (Enclosure 5).

Bald and Golden Eagle Protection Act

Although no longer a listed species under the Endangered Species Act, bald eagles (*Haliaeetus leucocephalus*) are known to occur at ARNG-MTC Fort Pickett and are protected under the Bald and Golden Eagle Protection Act. There are two known active bald eagle nests on ARNG-MTC; however, no eagle concentration areas are present. One active nest (Nest Code: NY0801) is located on Hurricane Branch approximately 2.5 miles south of LRA Parcel 9. This nesting site would not be affected by the proposed action. A second active bald eagle nest was discovered near Parcel 21/20 during a 2012 field survey conducted for the EIS and VDGIF has not yet assigned it a nest code. It is unknown at this time if this is a recurrent nest, if this nest has ever successfully fledged young or whether the nest will be used again in the future. VAARNG has advised that they intend to perform studies of the nest. The nest is located approximately 440 feet east and 225 feet south of the southeast 21/20 parcel boundary, near existing VAARNG outdoor firing ranges (Enclosures 2 and 3).

The closest proposed FASTC project facilities to the nest are indoor firing range buildings and classrooms. Operations at these facilities would not disturb nesting eagles as most noise and activity would be contained within the buildings. Moreover, the nest is currently located within an environment of similar activity because it is located approximately 1,000 feet west of an existing VAARNG outdoor firing range. This range is the closest to the nest and is not associated with the FASTC project. The range is used by VAARNG.

Under Alternative 1, construction of the southernmost firing range building would occur within 660 feet of the nest. If bald eagles are using this nest at the time of planned construction of this firing range building, construction would be scheduled to occur only between August and January, outside of the eagle nesting season. Under Alternative 2, construction of the southernmost firing range building would occur outside of the 660 foot buffer. Under either alternative, the nest is not visible from the proposed construction areas due to the presence of forest between the site and the nest. As part of design specifications, the clearing of trees around the facility at the Alternative 1 location would be minimized to the maximum extent practicable to avoid any potential line of sight impacts to the nest.

Outdoor firing ranges and explosives pads associated with FASTC are not anticipated to disturb nesting eagles. The closest proposed explosives pad is located approximately 2,800 feet away from the nest site and the noise produced by it would be similar to current noise levels produced at ARNG-MTC. The closest outdoor firing range proposed for use for the FASTC project is located approximately 1,750 feet northeast of the eagle nest at an existing VAARNG range (300 Meter Range). The increased use of the 300 Meter Range (Range 8) is not anticipated to disturb nesting eagles as the birds would be accustomed to noise disturbance from existing VAARNG ranges in the area.

GSA has prepared the necessary USFWS forms for protected species (Enclosures 6, 7 and 8) and will coordinate with USFWS to implement measures to minimize impacts of the proposed action on bald eagles to ensure that there are no "takes" of bald eagles as defined by 16 U.S.C. 668-668c.

We appreciate your review of the proposed project and subsequent review the survey report for Michaux's sumac. If you have any questions, please contact me at 215-446-4570 or myles.goodman@gsa.gov.

Sincerely,



Myles Goodman
General Services Administration

Enclosures: 1. Project Location Map
 2. Alternative 1 Site Map
 3. Alternative 2 Site Map
 4. IPaC Official Species List
 5. Michaux's Sumac Survey Report
 6. VaFWIS Species List
 7. Species Conclusion Table
 8. Bald Eagle Determinations

cc:

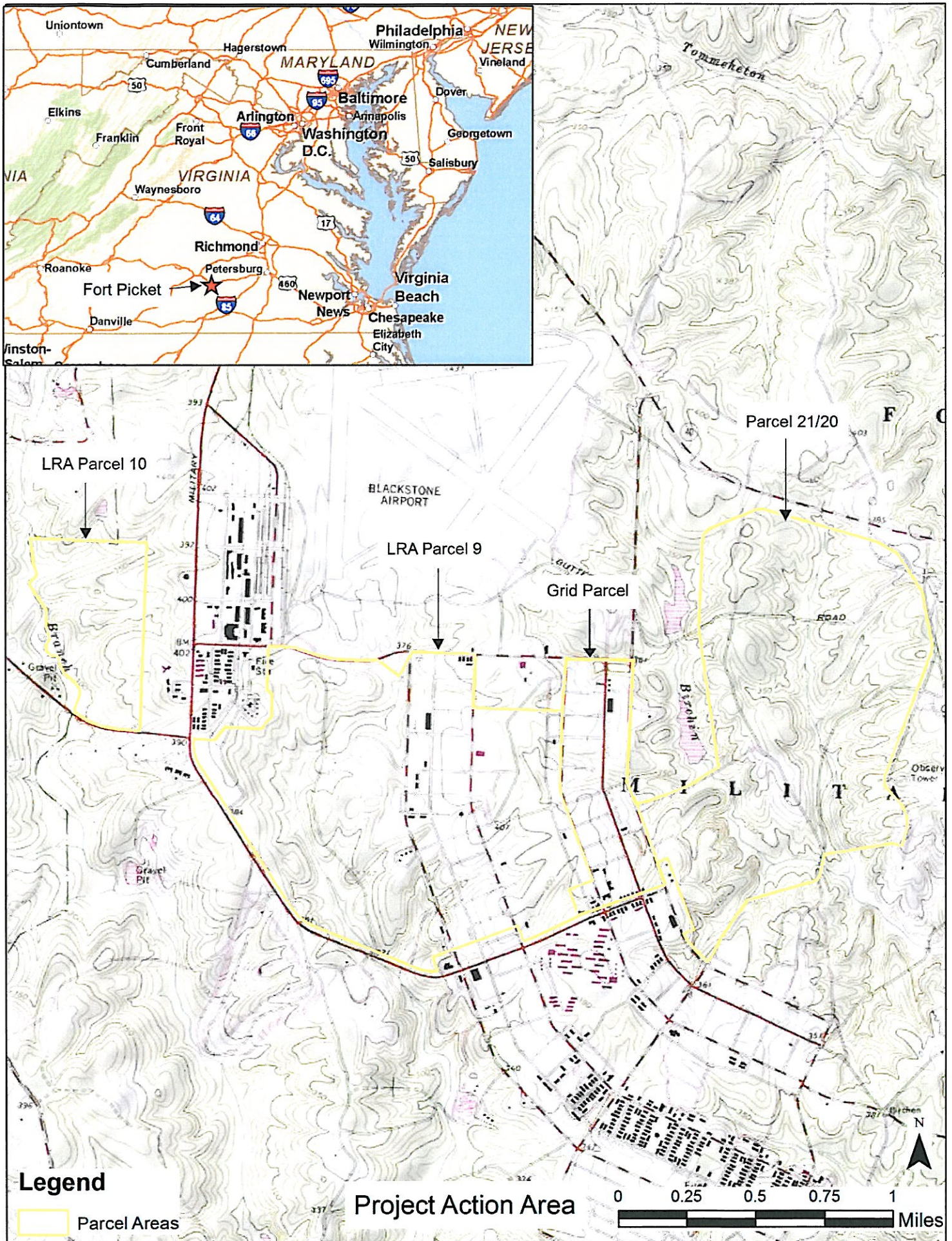
National Guard Bureau, Katherine Clayton, katherine.a.clayton.ctr@us.army.mil
U.S. Army Corps of Engineers, Irwin Garskof, Irwin.Garskof@usace.army.mil)
U.S. Department of State, Janice Smith,
U.S. Environmental Protection Agency, Barbara Rudnick, rudnick.barbara@epa.gov
Virginia Army National Guard – Fort Pickett, Kenneth Oristaglio, kenneth.l.oristaglio@us.army.mil

References:

USFWS 2003. Fact Sheet: Roanoke Logperch (*Percina rex*). August 2003.

USFWS 1993. Dwarf Wedge Mussel (*Alasmodonta heterodon*) Recovery Plan. February 8, 1993.

VAARNG 2007. Draft Final Revision Integrated Natural Resources Management Plan and Environmental Assessment Fort Pickett Maneuver Training Center Blackstone, Virginia. FY 2007.







Project name: FASTC

Official Species-list: *FASTC*

Virginia Ecological Services Field Office

Following is an official U.S. Fish and Wildlife Service species-list from the Virginia Ecological Services Field Office. The species-list identifies listed and proposed species and designated and proposed critical habitat that may be affected by the project "FASTC". You may use this list to meet the requirements of section 7(c) of the Endangered Species Act of 1973, as amended (ESA).

This species-list has been generated by the Service's on-line Information, Planning, and Conservation (IPaC) decision support system based on project type and location information you provided on March 23, 2012, 9:35 AM. This information is summarized below.

Please reference our tracking number, 05E2VA00-2012-SLI-0488, in future reference to this project to assist in expediting the process.

Newer information based on updated surveys, changes in the abundance and distribution of listed species, changed habitat conditions, or other factors could change this list. Please feel free to contact the office(s) identified below if you need more current information or assistance regarding the potential presence of federally proposed, listed, or candidate species, or proposed or designated critical habitat. Please note that under the ESA, a species-list is valid for 90 days. Therefore, the Service recommends that you visit the IPaC site at regular intervals during project planning and implementation for updates to species-lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive this list. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

This list below only addresses federally proposed, listed, or candidate species and federally designated critical habitat. Please contact the appropriate State agencies for information regarding State species of special designation. Also, please feel free to contact the office(s) identified below if you would like information on other important trust resources (such as migratory birds) in your project area.



United States Department of Interior
Fish and Wildlife Service

Project name: FASTC

This Species-list document is provided by:

VIRGINIA ECOLOGICAL SERVICES FIELD OFFICE

6669 SHORT LANE

GLOUCESTER, VA 23061

(804) 693-6694

<http://www.fws.gov/northeast/virginiafield/>

TAILS consultation code: 05E2VA00-2012-SLI-0488

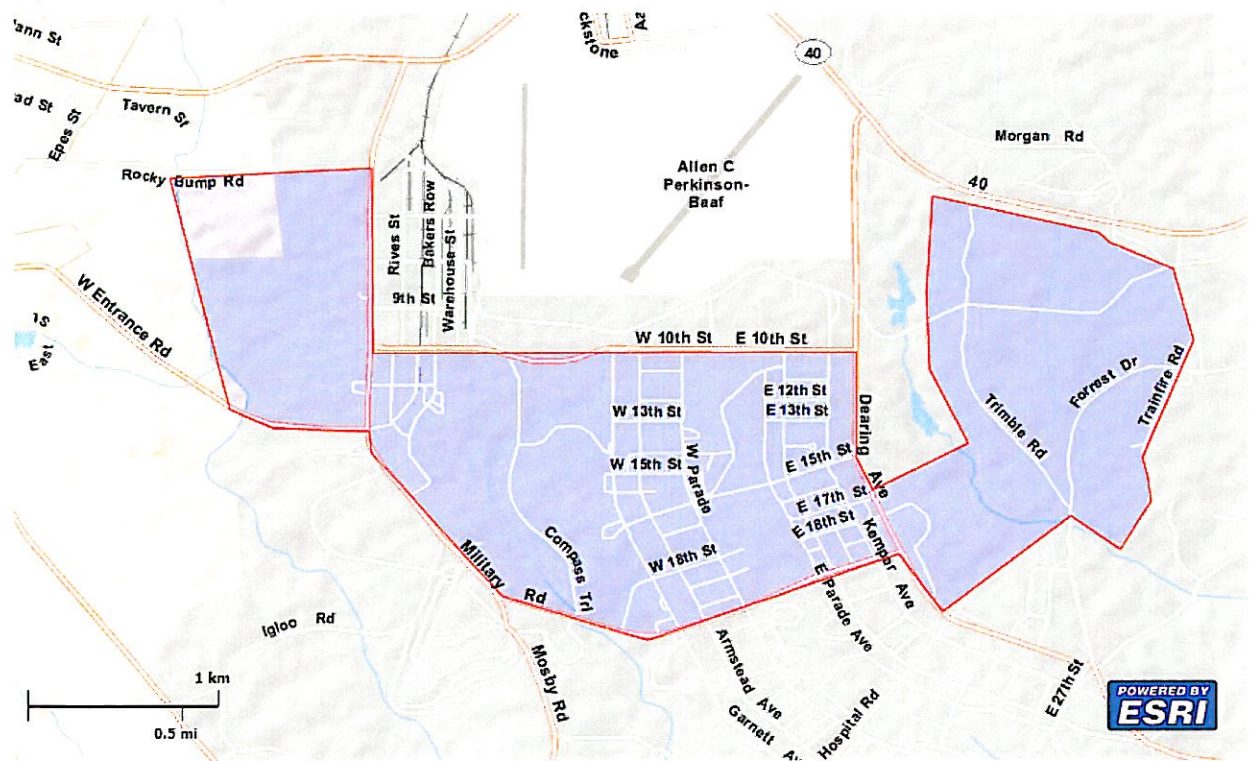
Project type: Development



United States Department of Interior
Fish and Wildlife Service

Project name: FASTC

Project location map:



Project coordinates: MULTIPOLYGON (((-77.983716 37.074628, -77.9717855 37.0752288, -77.9716997 37.0643283, -77.9432039 37.0643283, -77.9432039 37.0581485, -77.942174 37.0561744, -77.9365091 37.058921, -77.9388266 37.0632984, -77.9389982 37.0678474, -77.9386549 37.0735122, -77.9287844 37.0713664, -77.9280977 37.0707656, -77.924407 37.0692207, -77.9232054 37.065015, -77.9262094 37.0580627, -77.9258661 37.0568611, -77.9256945 37.0554878, -77.9274969 37.0526554, -77.9304152 37.0546295, -77.9380541 37.0489646, -77.940629 37.0523979, -77.9554777 37.0473339, -77.9640608 37.0499088, -77.9717855 37.058406, -77.9719572 37.0596935, -77.977622 37.0598651, -77.980197 37.0609809, -77.983716 37.074628))))

Project counties: Nottoway, VA



United States Department of Interior
Fish and Wildlife Service

Project name: FASTC

Endangered Species Act Species-list

Dwarf wedgemussel (*Alasmodonta heterodon*)

Listing Status: Endangered

Michaux's sumac (*Rhus michauxii*)

Listing Status: Endangered

Roanoke logperch (*Percina rex*)

Listing Status: Endangered



PEAKS TO PRAIRIES ECOLOGICAL SERVICES

Verl Emrick
1117 Suiter Road
Bland, Virginia, 24315

Date: 6/23/2012

To: Kathleen Hall (FASTC EIS Project Manager_CARDNO TEC)

From: Verl Emrick (Ecologist _Peaks to Prairies Ecological Services)

Subject: Completion of the Survey of utility right-of-way for the Presence/Absence of Michaux's Sumac.

Background

On June 14, 2012 I conducted a survey for the federally endangered Michaux's Sumac (*Rhus michauxii*) on a utility right of way located on Nottoway Co. Virginia managed land adjacent to Fort Pickett-Maneuver Training Center. The right of way is part of a proposed project to build a training facility for FASTC.

Rhus michauxii Sargent (Michaux's sumac) is a 1.5 - 4.0 dm tall, densely pubescent, dioecious, rhizomatous shrub of the Anacardiaceae family (Radford et al. 1968). The narrow winged or wingless rachis supports 9 - 13 sessile, oblong leaflets that are 4 - 9 cm long, 2 - 5 cm wide, and acute to acuminate. Small, 4 - 5 parted, greenish-yellow flowers are borne in a dense, erect terminal cluster. The red fruit is borne on a 5 - 6 mm, broad densely pubescent panicle. Individual plants may have multiple flowering stems that are all the same sex. Michaux's sumac was first described 1895 by Sargent (1895) who considered it one of the most poisonous plants in North America. Subsequently it has been found not to cause allergic reactions in humans, hence one of its colloquial names, false poison sumac. Michaux's sumac is closely related to *Rhus glabra* L. (smooth sumac), and the two will occasionally hybridize (Hardin & Phillips 1985). Michaux's sumac is generally much shorter than smooth sumac, has a winged rachis, and is covered with dense hairs on both the leaves and stems.

Michaux's sumac was listed as endangered by the U.S. Fish and Wildlife Service in 1989 (USFWS 1989) and was discovered on Army National Guard Maneuver Training Center-Fort Pickett (Fort Pickett) in 1993 (Fleming and Van Alstine 1994). Habitat loss and degradation through fire suppression, agricultural conversion, herbicide applications, and road construction were the main factors that led to the loss of Michaux's sumac habitat and the primary cause of the species' decline and reason for listing (Russo 1993, USFWS 1993). Other potential threats are hybridization with *R. glabra*, geographic isolation of small, single-sex populations, fungal disease, stem borers, and damage caused by off-target herbicide drift (Russo 1993). In addition, Wilkinson et al. (1996) found that *Eurytoma rhios* (a Chalcid wasp) parasitized seeds at Fort Pickett and reduced numbers of viable seed.

Michaux's sumac is endemic to the inner coastal plain and piedmont of the southeastern United States, where it occupies sandy or rocky savannas and open woods (USFWS 1993). These sites typically have low cation exchange capacities and depend on some form of disturbance to maintain the open character of the habitat (Boyer 1993). Primary disturbances are fire (accidental or prescribed), right-of-way maintenance, and agricultural brush clearing (USFWS 1993). Many authors concluded that Michaux's sumac requires a combination of soil disturbance and occasional fire to maintain a healthy population (Emrick and Hill 1997, 1998; Hardin and Phillips 1985; Russo 1993; Wilkinson et al. 1996; and USFWS 1993). Soil disturbance appears to stimulate rhizomatous growth, while periodic fire keeps other scrub/brush species from out-competing Michaux's sumac for sunlight and soil nutrients (Emrick and Jones 2008).

Methods

Prior to the field survey the site was investigated using aerial photography and the closest known colony of Michaux's sumac was identified. Previous surveys conducted in the Fort Pickett area were also reviewed to determine if there were previous records for Michaux's Sumac within the survey area.

The field survey was conducted on June 14, 2012. The entire right of way from Hurricane Branch to the Fort Pickett Border was traversed 4 times (Figures 1 and 2). All conspicuous plant species were identified (Note: This was not a complete botanical survey but I identified the vast majority of plants onsite). Any plant that resembled Michaux's sumac, even superficially, was closely examined. In addition, the habitat composition and structure was noted and compared to known Michaux's sumac habitat.

Results

The closest known location of Michaux's Sumac is colony 66 located approximately 7 km southeast of the survey site. This colony is located within the Controlled Access Area at Fort Pickett. No previous surveys have identified a colony within 7 km of the survey site.

There were 26 woody species and 47 herbaceous species identified during the field survey. **However, Michaux's sumac was not found to be growing at the site.** The habitat was dominated by coppice growth of sweetgum (*Liquidambar styraciflua*), pignut hickory (*Carya glabra*), winged sumac (*Rhus copallinum*) and a variety of Oaks (*Quercus* spp.). The herbaceous stratum was mixed and had no consistent dominant species with deer tongue panic grass (*Dicanthelium clandestinum*), poverty grass (*Danthonia spicata*), broomsedge (*Andropogon virginicus*) and a variety of *Lespedeza* species being the most common (Plates 1 and 2). Based upon this survey and previous research the habitat has some vegetation components typical of Michaux's sumac habitat but because of the lack of disturbance (notably fire) the habitat is marginal at best. The Survey Summation Form is attached.

Literature Cited

- Emrick, V.R. and A. Hill. 1997. Density of *Rhus michauxii* stems at Fort Pickett Military Reservation, Virginia. United States Army Construction and Engineering Research Labs: Natural Resources, Assessment and Management Division. Technical Report: 97/111. 18 pp
- Emrick, V.R. and A. Hill. 1998. Plant community composition of *Rhus michauxii* colonies at Fort Pickett Military Reservation, Virginia with an ecological assessment of colonies Located on ranges 15 and 16. United States Army Construction and Engineering Research Labs: Natural Resources, Assessment and Management Division. Technical Report: 98/49. 54 pp.
- Emrick Verl R. and Jeff Jones. 2008. Influence of competition on the density of the federally endangered Michaux's Sumac (*Rhus michauxii*) at Fort Pickett, Virginia. Southeastern Naturalist. 7(1):61-68.
- Fleming, G.P. and N.E. Van Alstine. 1994. A natural heritage inventory of Fort Pickett, VA. Virginia Department of Conservation and Recreation, Division of Natural Heritage, Richmond, VA., Unpublished report submitted to U.S. Army. June 1994. 165 pp. plus appendices.
- Hardin, J.W. and L.L. Phillips. 1985. Hybridization in eastern North American *Rhus* (Anacardiaceae). Association of Southeastern Biologists Bulletin 32:99-106.
- Radford, A.E., H.E. Ahles, and C.R. Bell. 1968. Manual of the Vascular Flora of the Carolinas. The University of North Carolina Press, Chapel Hill, NC. 1,183 pp.
- Russo, M.J. 1993. Element stewardship abstract: *Rhus michauxii*. NC Nature Conservancy/NC Natural Heritage Program, Carrboro/Raleigh, NC. 10 pp.
- Wilkinson, C.A., H.A. DeMarco, and J.L. Jones. 1996. Viability, germination, and propagation of *Rhus michauxii* at Fort Pickett. Southern Piedmont Agricultural Research and Extension Center, Virginia Polytechnic Institute and State University, Blacksburg, VA. 32 pp.
- USFWS. Federal Register. 1989. Endangered and Threatened Wildlife and Plants: determination of endangered status for *Rhus michauxii* (Michaux's sumac) 54(187):39853-39857.
- USFWS. 1993. Michaux's sumac recovery plan. Southeast Region U.S. Fish and Wildlife Service, Atlanta, GA.

3. Contact Information

Verl Emrick
1117 Suiter Road
Bland, Va
Phone: 276-613-1424
vemrick@vt.edu

Figure 1

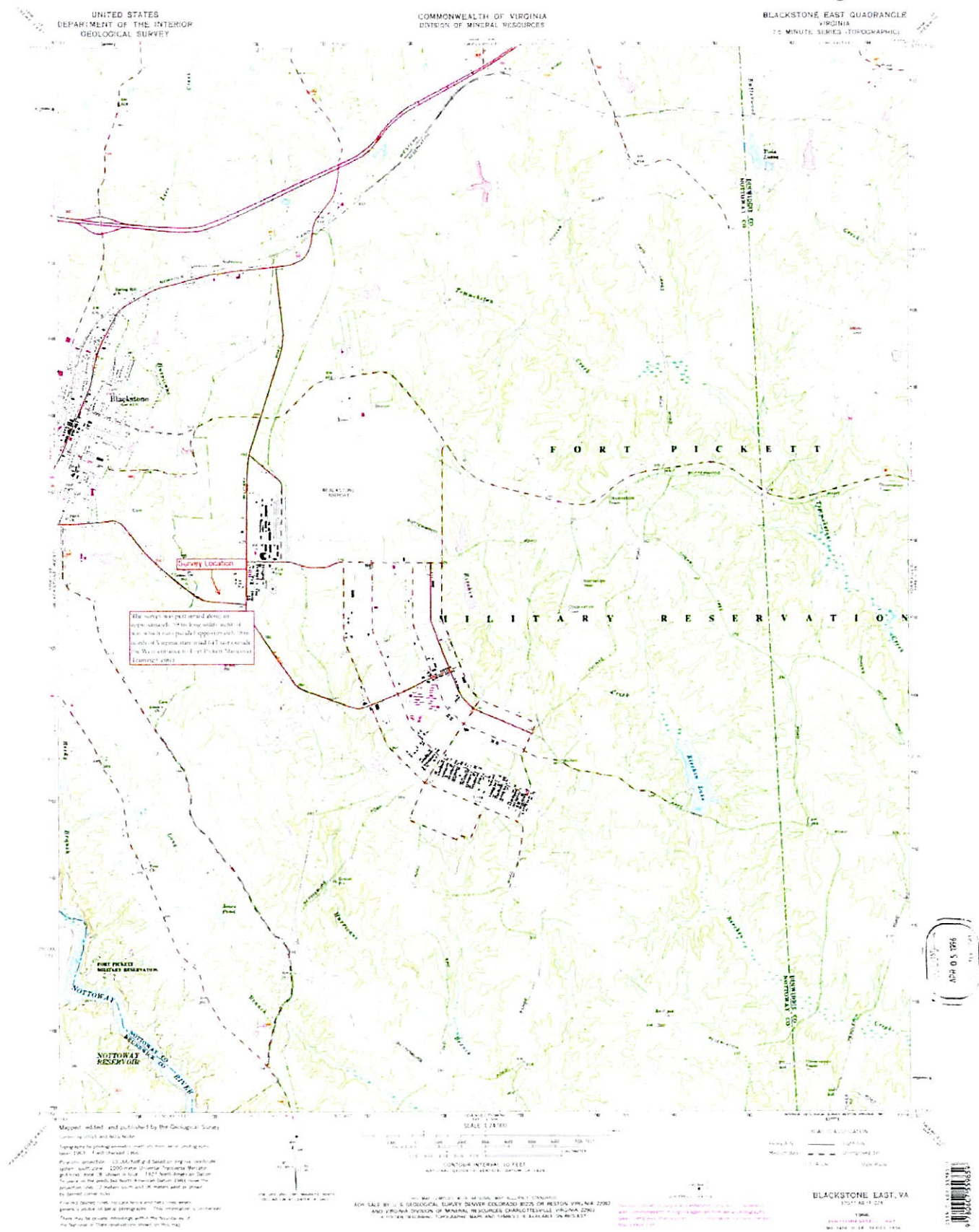
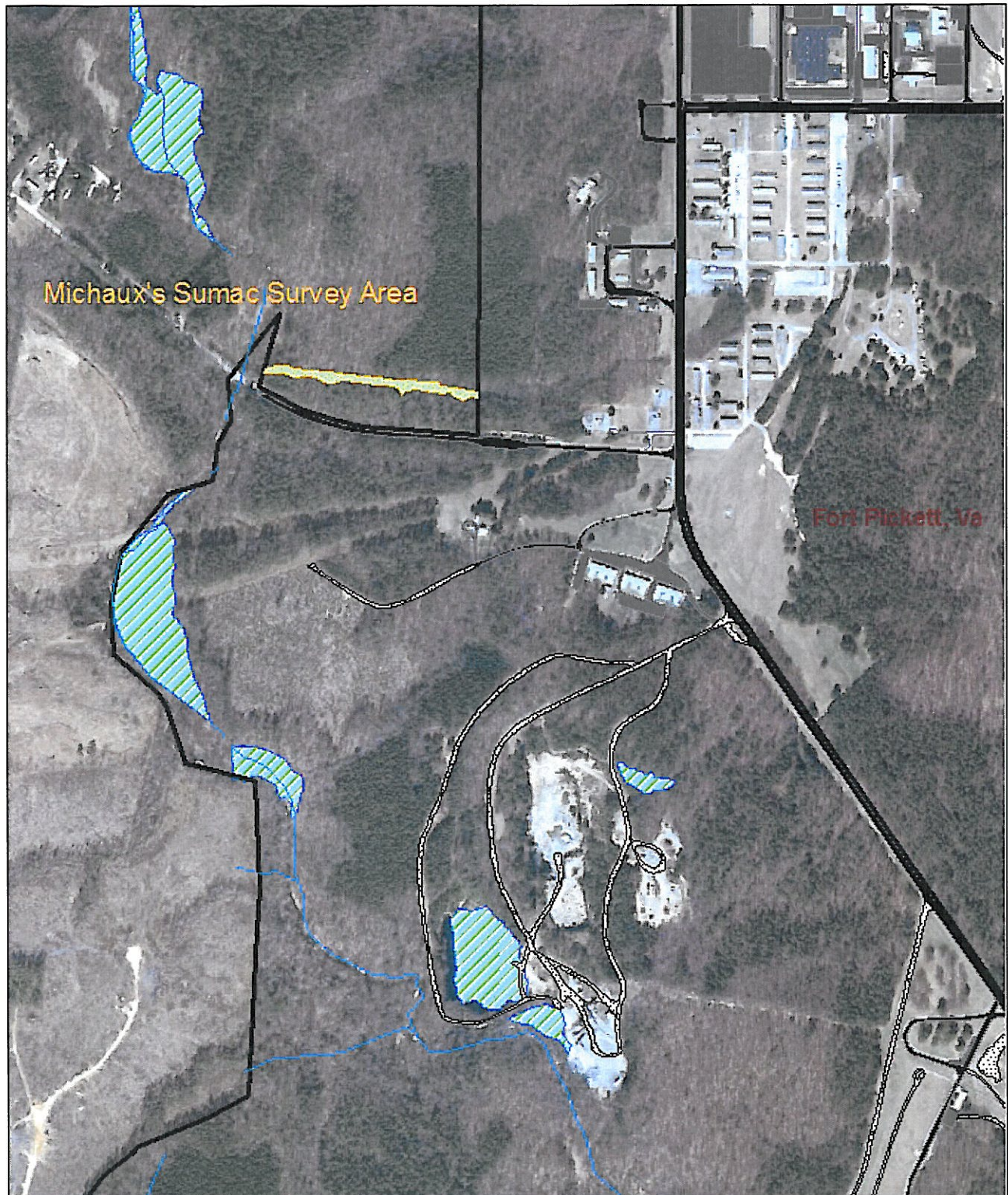


Figure 2

Michaux's Sumac FAST_C Survey Area



Legend

- stream_pick
- boundary_pickett2010
- nwwetlands

0 95 190 380 570 760 Meters

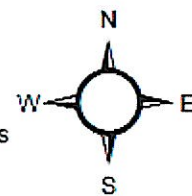




Plate 1: Overall habitat of right-of-way Michaux's sumac survey site
Nottoway Co., Va.



Plate 1: Close up view of habitat of right-of-way Michaux's sumac survey
site Nottoway Co., Va.

Please provide a clear copy of a USGS topographic map(s),
with the survey area(s) clearly indicated on the map(s).

SURVEY SUMMATION FORM		Year:	2012		
Report Title:	Survey of Utility Right-of-Way for the Presence of Michaux's Sumac				
Collector(s):	Verl R. Emrick				
Quad(s):	Blackstone East				
County / City:	Nottoway County, Virginia				
Survey Site Information ⁽¹⁾ :	See Attached				
Habitat Type:	<input type="radio"/> Appropriate <input type="radio"/> Not Appropriate <input checked="" type="radio"/> Not Definitive				
SPECIES INFORMATION:					
Target Species:	Michaux's Sumac (<i>Rhus michauxii</i>)				
Target Species Found ?	<input type="radio"/> YES <input checked="" type="radio"/> NO				
Species (common or scientific name):	Number of Specimens ⁽²⁾				
	Live	Fresh Dead	Relic	Unspecified	
Comments:					

(1) This is detailed information on where the survey was done (Example: 50 yards above, and 200 yards below the Route 623 crossing of the Pamunkey River). This information will assist in mapping of the survey data.
 (2) Place a check mark in any of the columns if present but not counted.

VaFWIS Search Report Compiled on 5/14/2012, 11:47:00 AM[Help](#)

Observations reported or potential habitat occurs within a **3 mile radius around point**
37,03,22.2 -77,57,08.6
 in **135 Nottoway County, VA**

[View Map of
Site Location](#)

353 Known or Likely Species ordered by Status Concern for Conservation
 (displaying first 21) (21 species with Status* or Tier I** or Tier II**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name
010214	FESE	I	Logperch, Roanoke	Percina rex
060003	FESE	II	Wedgemussel, dwarf	Alasmidonta heterodon
040129	ST	I	Sandpiper, upland	Bartramia longicauda
040293	ST	I	Shrike, loggerhead	Lanius ludovicianus
040385	ST	I	Sparrow, Bachman's	Aimophila aestivalis
040093	FSST	II	Eagle, bald	Haliaeetus leucocephalus
060173	FSST	II	Pigtoe, Atlantic	Fusconaia masoni
010070	ST	IV	Shiner, whitemouth	Notropis alborus
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans
060029	FS	III	Lance, yellow	Elliptio lanceolata
070105	FS	III	Crayfish, Chowanoke	Orconectes virginienensis
030063	CC	III	Turtle, spotted	Clemmys guttata
010077		I	Shiner, bridge	Notropis bifrenatus
040225		I	Sapsucker, yellow-bellied	Sphyrapicus varius
040319		I	Warbler, black-throated green	Dendroica virens
010174		II	Bass, Roanoke	Ambloplites cavifrons
040052		II	Duck, American black	Anas rubripes
040213		II	Owl, northern saw-whet	Aegolius acadicus
040105		II	Rail, king	Rallus elegans
040320		II	Warbler, cerulean	Dendroica cerulea
040266		II	Wren, winter	Troglodytes troglodytes

To view **All 353 species** [View 353](#)

* FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FC=Federal Candidate;
 FS=Federal Species of Concern; CC=Collection Concern

** I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II -
 Very High Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan -
 Tier IV - Moderate Conservation Need

NOTE: For ESA consultation purposes only those species listed as state or federally threatened or endangered were addressed in this correspondence and the entire VaFWIS species list is not enclosed.

Anadromous Fish Use Streams

N/A

Impediments to Fish Passage (2 records)[View Map of All Fish Impediments](#)

ID	Name	River	View Map
226	BUTTERWOOD LAKE UPPER DAM	BIRCHIN CREEK	Yes
227	BUTTERWOOD LOWER DAM	BIRCHIN CREEK	Yes

Threatened and Endangered Waters

N/A

Managed Trout Streams

N/A

Bald Eagle Concentration Areas and Roosts

N/A

Bald Eagle Nests

N/A

Habitat Predicted for Aquatic WAP Tier I & II Species (3 Reaches)[View Map Combined Reaches from Below of Habitat Predicted for WAP Tier I & II Aquatic Species](#)

Stream Name	Tier Species						View Map
	Highest TE*	BOVA Code, Status*, Tier**, Common & Scientific Name					
Birchin Creek (03010201)	FESE	010214	FESE	I	Logperch, Roanoke	Percina rex	Yes
		060173	FSST	II	Pigtoe, Atlantic	Fusconaia masoni	
Hurricane Branch (03010201)	FESE	010214	FESE	I	Logperch, Roanoke	Percina rex	Yes
		060173	FSST	II	Pigtoe, Atlantic	Fusconaia masoni	
Tommeheton Creek (03010201)	FESE	010214	FESE	I	Logperch, Roanoke	Percina rex	Yes
		060173	FSST	II	Pigtoe, Atlantic	Fusconaia masoni	

Habitat Predicted for Terrestrial WAP Tier I & II Species

BOVA Code	Status*	Tier**	Common Name	Scientific Name	View Map
040385	ST	I	Sparrow, Bachman's	Aimophila aestivalis	Yes

Virginia Breeding Bird Atlas Blocks (6 records)

[View Map of All Query Results](#)
[Virginia Breeding Bird Atlas Blocks](#)

BBA ID	Atlas Quadrangle Block Name	Breeding Bird Atlas Species			View Map
		Different Species	Highest TE*	Highest Tier**	
47054	Blackstone East, CE	73		IV	Yes
47053	Blackstone East, CW	73		IV	Yes
47052	Blackstone East, NE	72		IV	Yes
47051	Blackstone East, NW	68		III	Yes
47056	Blackstone East, SE	63		IV	Yes
47055	Blackstone East, SW	71		IV	Yes

Public Holdings: (1 names)

Name	Agency	Level
Fort Pickett Military Reservation	U.S. Dept. of Army	Federal

Summary of BOVA Species Associated with Cities and Counties of the Commonwealth of Virginia:

FIPS Code	City and County Name	Different Species	Highest TE	Highest Tier
135	Nottoway	334	FESE	I

USGS 7.5' Quadrangles:

Blackstone West
Blackstone East

USGS NRCS Watersheds in Virginia:

N/A

USGS National 6th Order Watersheds Summary of Wildlife Action Plan Tier I, II, III, and IV Species:

HU6 Code	USGS 6th Order Hydrologic Unit	Different Species	Highest TE	Highest Tier
CU07	Nottoway River-Cedar Creek	60	FESE	I
CU08	Hurricane Branch-Long Branch	52	FESE	I
CU10	Tommeheeton Creek	54	FESE	I
JA30	Cellar Creek	48	FSST	I

Site Location

37,03,22.1 -77,57,08.5

is the Search Point

Show Position Rings

☒ Yes ☐ No1 mile and 1/4 mile at the
Search Point

Show Search Area

☒ Yes ☐ No3 Search distance miles
radiusSearch Point is at
map center

Base Map Choices

Topography

Map Overlay Choices

Current List: Position,
Search, BECAR, BAEANests,
TEWaters, TierII, Habitat,
Trout, Anadromous

Map Overlay Legend

T & E Waters

Federal

State

Trout Waters

Class I - IV

Class V - VI

Anadromous Fish Reach

Confirmed

Potential

Impediment

Position Rings

1 mile and 1/4
mile at theVirginia Fish and Wildlife
Information Service[Refresh Browser Page](#)Map
Click

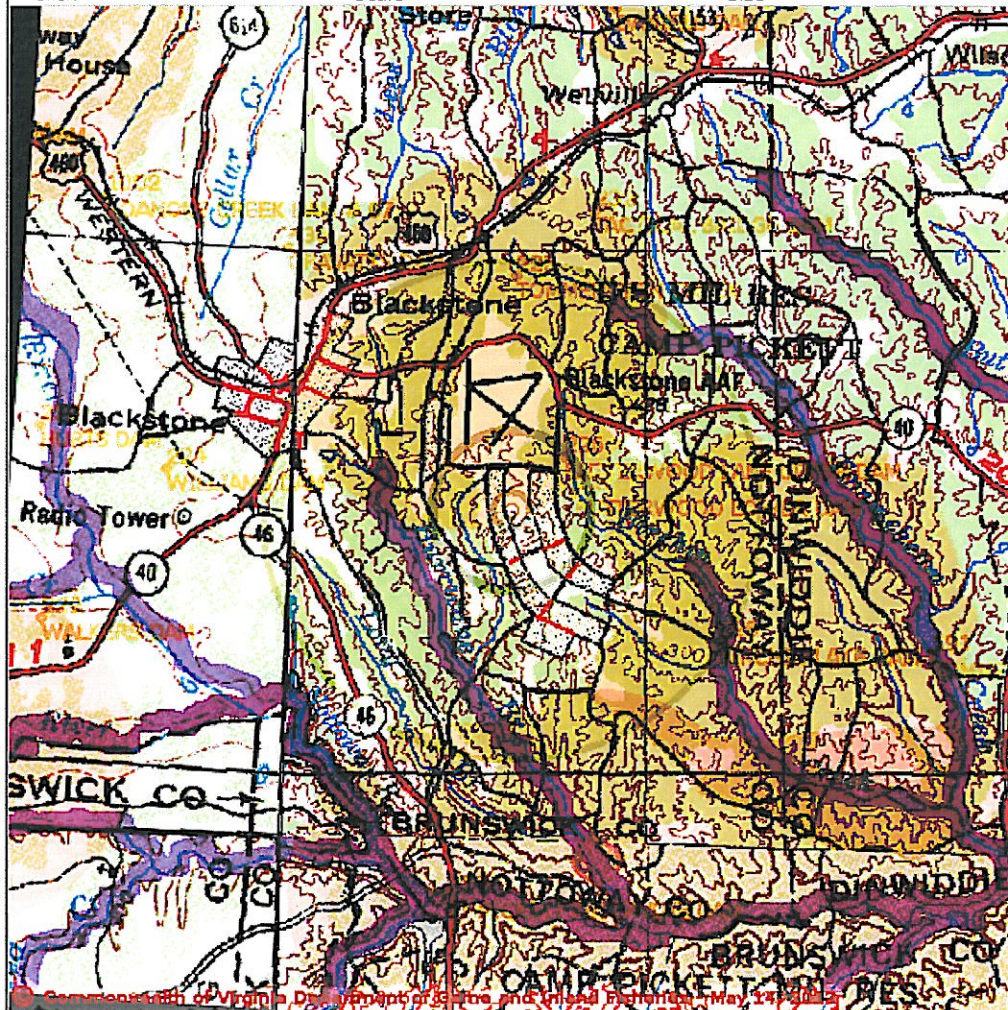
Pan To M

Map
Scale

In Zoom Out

Screen
Size

Small Size Big

[Help](#)

N



2.5 0 2.5 5 7.5 10 Kilometers

2 0 2 4 6 8 Miles

Point of Search 37,03,22.1 -77,57,08.5

Map Location 37,03,22.1 -77,57,08.5

Search Point

3 mile radius Search Area

Bald Eagle Concentration Areas and Roosts

Bald Eagle Nests

Data Observation Site

2 Mile WAP Tier I+II

Select **Coordinate System:** ☒ Degrees,Minutes,Seconds Latitude - Longitude
☐ Decimal Degrees Latitude - Longitude
☐ Meters UTM NAD83 East North Zone
☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [Microsoft terraserver-usa.com](http://Microsoft.terraserver-usa.com) for details)

Map projection is UTM Zone 18 NAD 1983 with left 227881 and top 4114797. Pixel size is 32 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West.Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixles. The map display represents 19200 meters east to west by 19200 meters north to south for a total of 368.6 square kilometers. The map display represents 63002 feet east to west by 63002 feet north to south for a total of 142.3 square miles.

A UTM Zone change occurs within the image.The left-hand side of the image is a pseudo projection from UTM Zone 17 into UTM Zone 18 resulting in reduced spatial accuracy within the portion of the image occurring in UTM Zone 17.

Topographic maps and Black and white aerial photography for year 1990+- are from the United States Department of the Interior, United States Geological Survey. Color aerial photography aquired 2002 is from Virginia Base Mapping Program, Virginia Geographic Information Network.
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map assembled 2012-05-14 11:48:05 (qa/qc December 1, 2011 15:16 - tn=395878.0 dist=4827 Visitor)

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Enclosure 7 - Species Conclusion Table

Project Name: FASTC

Date: 6/10/2012

Species / Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Notes / Documentation
Dwarf Wedgemussel (<i>Alasmidonta heterodon</i>)	No suitable habitat present. Spillway interferes with fish passage and their ability to transport larvae. All known populations of this species occur in Nottoway River mainstem.	No effect	
Roanoke Logperch (<i>Percina rex</i>)	No suitable habitat present. Spillway interferes with fish passage	No effect	
Michaux's Sumac (<i>Rhus michauxii</i>)	No Suitable habitat present	No effect	Survey Report included
Bald Eagle	Unlikely to disturb nesting bald eagles Does not intersect with an eagle concentration area	No Eagle Act permit required	Cleared area required for facility construction is likely to extend into 660 foot buffer area. Facility will either be relocated outside of the buffer or constructed outside of nesting season (August ~January). Clearing of trees that provide visual barrier between facility and nest will be minimized to the extent feasible.
Critical habitat	No critical habitat present	No effect	

Enclosure 8



Eagle Guidelines

Northeast Region

[Eagle Guidelines Home](#)

Bald Eagle Management Guidelines

[Bald and Golden Eagle
Protection Act](#)

Determining Whether Blasting or Conducting Other Activities with Loud, Intermittent Noises May Disturb Nesting Bald Eagles: Step 4

Step 4. Your activity is blasting or other loud, intermittent noises near **nesting bald eagles during the breeding season.**

[National Bald Eagle
Management Guidelines](#)

You will avoid blasting and other activities that produce extremely loud noises within 1/2 mile of active nests (or within 1 mile in open areas), unless greater tolerance to the activity (or similar activity) has been demonstrated by the eagles in the nesting area. Therefore, disturbance of nesting bald eagles is unlikely to occur.

[Recreational Activities
Precautions](#)[New or Intermittent
Activities Guidance](#)

You may print this page, then sign and date it for your records. This page documents that you are following the U.S. Fish and Wildlife Service's recommendations for avoiding disturbance of nesting bald eagles.

[Additional Conservation
Measures](#)[Bald Eagle Natural
History & Sensitivity](#)

Management Guidelines At a Glance:

Two factors most influence an eagle's response to human activity:

1. The activity's visibility from the eagle nest and;
2. The regular occurrence of similar activities near the nest.

General recommendations to avoid disturbing nesting bald eagles:

1. Keep distance between the activity and the nest (distance buffers).
2. Maintain forested or natural areas between the activity and the nest tree (landscape buffers).
3. Avoid certain activities during the nesting season (timing buffers).

Signature: _____

Date: _____

These recommendations are valid only for the states of Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia and West Virginia.

[Back](#)

Last updated: August 15, 2011



Eagle Guidelines

Northeast Region

Eagle Guidelines Home

Bald Eagle Management Guidelines

Bald and Golden Eagle
Protection Act

Determining Whether Construction or Development Activities may Disturb Nesting Bald Eagles: Step 6

Step 6. Documentation

You may document that you are following the U.S. Fish and Wildlife Service's recommendations for avoiding disturbance of nesting bald eagles by printing this page, then signing and dating it for your records.

National Bald Eagle
Management Guidelines

Your activity is: (Check your selection to document your choice)

Recreational Activities
Precautions

☐ Building construction, 3 or more stories

☒ Building construction, 1 or 2 story, with a project footprint of more than ½ acre.

New or Intermittent
Activities Guidance

☐ Mining.

Additional Conservation
Measures

☐ Oil and natural gas drilling and refining.

☐ Installation or expansion of marinas with a capacity of 6 or more boats.

Bald Eagle Natural
History & Sensitivity

Management Guidelines At a Glance:

Two factors most influence an eagle's response to human activity:

1. The activity's visibility from the eagle nest and;
2. The regular occurrence of similar activities near the nest.

General recommendations to avoid disturbing nesting bald eagles:

1. Keep distance between the activity and the nest (distance buffers).
2. Maintain forested or natural areas between the activity and the nest tree (landscape buffers).
3. Avoid certain activities during the nesting season (timing buffers).

The bald eagle nest (active or alternate nest) cannot be seen from the project site and there is no activity similar to your proposed project within 1 mile of the nest.

You will adopt the following recommendations to avoid disturbing nesting eagles and their young:

(1) maintain a **buffer** of at least 660 feet (200 meters) between all your activities and the nest (including active and alternate nests), and

(2) maintain established landscape buffers that screen the activity from the nest.

Therefore, disturbance of nesting bald eagles is unlikely to occur.

Signature: _____

Date: _____

These recommendations are valid only for the states of Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia and West Virginia.

Back

Last updated: August 15, 2011



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Ecological Services
6669 Short Lane
Gloucester, Virginia 23061



Date: 8/16/2012

Online Project Review Certification Letter

Project Name: FASTC, Fort Pickett, Blackstone, VA

Dear Applicant:

Thank you for using the U.S. Fish and Wildlife Service (Service) Virginia Field Office online project review process. By printing this letter in conjunction with your project review package, you are certifying that you have completed the online project review process for the referenced project in accordance with all instructions provided, using the best available information to reach your conclusions. This letter, and the enclosed project review package, completes the review of your project in accordance with the Endangered Species Act of 1973 (16 U.S.C. 1531-1544, 87 Stat. 884), as amended (ESA), and the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668c, 54 Stat. 250), as amended (Eagle Act). This letter also provides information for your project review under the National Environmental Policy Act of 1969 (P.L. 91-190, 42 U.S.C. 4321-4347, 83 Stat. 852), as amended. A copy of this letter and the project review package must be mailed to the address on the letterhead for this certification to be valid. This letter and the project review package will be maintained in our records.

The species conclusions table in the enclosed project review package summarizes your ESA and Eagle Act conclusions. These conclusions resulted in “no effect” and/or “not likely to adversely affect” determinations for listed species and critical habitat and/or “no Eagle Act permit required” determinations for eagles regarding potential effects of your proposed project. We certify that the use of the online project review process in strict accordance with the instructions provided as documented in the enclosed project review package results in reaching the appropriate determinations. Therefore, we concur with the “no effect” and “not likely to adversely affect” determinations for listed species and critical habitat and “no Eagle Act permit required” determinations for eagles. Additional coordination with this office is not needed.

Candidate species are not legally protected pursuant to the ESA. However, the Service encourages consideration of these species by avoiding adverse impacts to them. Please contact this office for additional coordination if your project action area contains candidate species.

Should project plans change or if additional information on the distribution of listed species, critical habitat, or bald eagles becomes available, this determination may be reconsidered. This certification letter is valid for one year.

Applicant

Page 2

Information about the online project review process including instructions and use, species information, and other information regarding project reviews within Virginia is available at our website http://www.fws.gov/northeast/virginiafield/endspecies/project_reviews.html. If you have any questions, please contact Kimberly Smith of this office at (804) 693-6694, extension 124.

Sincerely,

/s/ Cynthia A. Schulz

Cindy Schulz
Supervisor
Virginia Field Office

Enclosures - project review package



COMMONWEALTH of VIRGINIA

Douglas W. Domenech
Secretary of Natural Resources

Department of Game and Inland Fisheries

Robert W. Duncan
Executive Director

July 30, 2012

Erika Fuery
179 Main Street 100 Plaza Middlesex 3rd Floor,
Middletown, CT 06457
Email erika.fuery@cardnotec.com

**Re: Proposed Development of a Foreign Affairs Security Training Center
in Nottoway County**

Dear Ms. Fuery:

We appreciate your interest in submitting your project(s) for review by VDGIF to ensure the protection of sensitive wildlife resources during project development. Unfortunately, due to staffing limitations, our Fish and Wildlife Information Services Section (FWIS) is unable to review or provide an assessment of any projects submitted to them for review.

No response from VDGIF does not constitute "no comment" nor does it imply support of the project or associated activities. It simply means VDGIF has not been able to respond.

If you should have further questions or need additional information, please visit:
<http://www.dgif.virginia.gov/environmental-programs/>

Please feel free to attach a copy of this letter/email with your project paper work.

Thank You and Kindest Regards,

A handwritten signature in cursive script that reads "Mrs. Gladys D. Cason".

Mrs. Gladys D. Cason
Environmental Services Division
Phone: (804) 367-0909 Fax: (804) 367-2427
gladys.cason@dgif.virginia.gov



GSA Mid-Atlantic Region

July 16, 2012

Gladys Cason
Virginia Department of Game and Inland Fisheries Environmental Services Section
P.O. Box 11104
4010 W. Broad Street
Richmond, VA 23230

Re: PROPOSED DEVELOPMENT OF A FOREIGN AFFAIRS SECURITY TRAINING CENTER (FASTC) IN NOTTOWAY COUNTY, VIRGINIA BY THE U.S. GENERAL SERVICES ADMINISTRATION AND THE U.S. DEPARTMENT OF STATE, BUREAU OF DIPLOMATIC SECURITY.

Dear Ms. Cason,

The United States (U.S.) General Services Administration (GSA) is preparing an Environmental Impact Statement (EIS) for the proposed acquisition of land and development of a U.S. Department of State (DOS), Bureau of Diplomatic Security (DS) Foreign Affairs Security Training Center (FASTC). This letter is to request informal consultation with the Virginia Department of Game and Inland Fisheries (VDGIF) in accordance with U.S. Fish and Wildlife Coordination Act, including review of GSA's determination for the proposed action.

GSA is the action proponent for the proposed project and is acting in cooperation with DOS, U.S. Army Corps of Engineers, U.S. Environmental Protection Agency and National Guard Bureau. The U.S. Army Corps of Engineers will have permitting authority over this action as it would affect waters of the U.S. (i.e. jurisdictional wetlands) and would participate in consultation with your agency, if deemed necessary.

Project Description

The proposed development would occur on four parcels of land at the Army National Guard Maneuver Training Center (ARNG-MTC) and Pickett Park in Nottoway County, Virginia, near the town of Blackstone (Enclosure 1); referred to herein as ARNG-MTC Parcels 21/20 and Grid Parcel and Nottoway County LRA Parcel 9 and LRA Parcel 10. These parcels comprise the "Action Area" (Enclosure 1). The use of Parcel 21/20 would be authorized by a Land Use Agreement implemented through a Memorandum of Understanding with VAARNG, and LRA Parcels 9 and 10 would be purchased from Nottoway County.

The project would consolidate existing dispersed training functions into a single location to improve training efficiency and enhance the training operations of DS. At project completion, the proposed FASTC would be a complete training center for 8,000-10,000 students annually. The facility would provide state-of-the-art instruction in soft and hard skills, as well as administrative and life support functions, including a residential campus. Facilities that would be constructed to support the FASTC program include a Main Campus (classrooms, dormitories and other life support, administration, and security), a Mock Urban Tactical Training Area, High Speed Driving Tracks, Off Road/Unimproved Driving Tracks, Firing Ranges, and Explosives Ranges.

U.S. General Services Administration
20 N. 8th Street
Philadelphia, PA 19107-3191
www.gsa.gov

FASTC would be developed in three phases between 2014 and 2020 and would require the clearing of approximately 1,400 acres of primarily forested land for the construction of facilities.

GSA is considering two build alternatives for the proposed FASTC facility and a no action alternative. The main differences between the build alternatives are the location of the Main Campus and the layout of the project on two parcels versus four parcels. The two action alternatives consist of varied layouts that consider the programmatic requirements of the proposed FASTC facility and configurations that minimize environmental impacts. Design of this project has not been completed and a final decision on the preferred alternative has not yet been made. Therefore, GSA is requesting your review of both alternatives, which are described below and depicted on Enclosures 2 and 3.

- Alternative 1

Under Alternative 1, the facilities would be constructed on Parcel 21/20 and LRA Parcel 9 (Enclosure 2). The Main Campus would be centrally located on a plateau along the western boundary of Parcel 21/20. Locating the Main Campus on a plateau of Parcel 21/20 utilizes a relatively flat area to minimize re-grading. A dense development footprint minimizes encroachment on existing wetlands.

Firing Ranges would be located in the east-central portion of Parcel 21/20, northeast of the campus area. Range buildings are located to maximize the use of existing roads and an existing ARNG-MTC 300 meter firing range (Range 8), which would minimize the area of development and associated environmental impacts.

Explosives Ranges would be located in the northern portion of Parcel 21/20. Access to the Explosives Ranges would be achieved with a combination of new roads and existing tank trails. Individual explosive pads are positioned to keep all blast fragment clearances entirely within Parcel 21/20 boundaries.

The Mock Urban Tactical Training Area would be situated in the eastern portion of LRA Parcel 9 and the High Speed Driving Track and Off Road/Unimproved Driving Track Areas would occupy the majority of the remaining land area. FASTC Emergency Services (EMS) would be co-located with the ARNG-MTC EMS adjacent to the southern boundary of LRA Parcel 9, on Military Road to take advantage of synergies between the agencies.

- Alternative 2

Alternative 2 includes all of the FASTC program elements that are included in Alternative 1. The Main Campus would be located on LRA Parcel 10 to the west of LRA Parcel 9 and the Explosive Ranges would be constructed in an alternative configuration (Enclosure 3).

Similar to Alternative 1, the High Speed Driving Tracks and Off Road/Unimproved Driving Track Areas would be located on LRA Parcel 9; however, the driving tracks would be spaced farther apart and Mock Urban Tactical Training Area would be located on the Grid Parcel.

State Threatened and Endangered species

A Virginia Fish and Wildlife Information Service (VaFWIS) query was conducted on an area with a 3-mile radius that fully encompassed the project parcels as well as outlying areas (Enclosure 4). The following species were listed by the VaFWIS as having potential to occur in the project area and are afforded legal

status under the provisions of the Virginia Endangered Plant and Insect Species Act (Chapter 10 §3.2-1000 through 1011 of the Code of Virginia):

Status*	Common Name	Scientific Name
FESE	Logperch, Roanoke	<i>Percina rex</i>
FESE	Woodpecker, Red-cockaded	<i>Picoides borealis</i>
FESE	Wedgemussel, Dwarf	<i>Alasmidonta heterodon</i>
ST	Sandpiper, Upland	<i>Bartramia longicauda</i>
ST	Shrike, Loggerhead	<i>Lanius ludovicianus</i>
ST	Shrike, Migrant loggerhead	<i>Lanius ludovicianus migrans</i>
ST	Sparrow, Bachman's	<i>Aimophila aestivalis</i>
FSST	Pigtoe, Atlantic	<i>Fusconaia masoni</i>
ST	Shiner, Whitemouth	<i>Notropis alborus</i>
FS*ST	Eagle, Bald	<i>Haliaeetus leucocephalus</i>

FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FS=Federal Species of Concern* The Bald Eagle was removed from the Federal List of Endangered and Threatened Wildlife in 2007.

The Roanoke logperch (*Percina rex*) typically inhabits medium-to-large, warm, usually clear streams and small rivers of moderate to low gradient. Adults usually inhabit the main body of stream pools, runs, and riffles and select areas with exposed, silt free gravel substrate (USFWS 2003a). An online inquiry with the Virginia Department of Game and Inland Fisheries Fish and Wildlife Information Service identified approximately 300 feet of Hurricane Branch, along the western boundary of LRA Parcel 10, as potential Roanoke Logperch habitat. The potential for logperch to occur in this area is low due the presence of a downstream spillway that would hinder fish movements and because of adverse impacts to stream tributaries from utility crossings. No development on LRA Parcel 10 would occur along the banks of Hurricane Branch and no stream crossings of this waterbody are proposed. One stream crossing is proposed across a tributary to Hurricane Branch. This tributary has been previously disturbed by the installation of underground utilities. No in-stream work would occur in Hurricane Branch or its tributaries eliminating the potential for direct impacts to Roanoke logperch. The use of Best Management Practices (BMPs) for sedimentation and erosion control during all aspects of FASTC construction would eliminate the potential for impacts to surface waters on or downstream of the project area, including Hurricane Branch and its tributaries. Therefore, GSA has determined that the proposed action would have no effect on Roanoke logperch.

Red-cockaded woodpecker (*Picoides borealis*) is listed as an endangered species within the Commonwealth of Virginia. Red-cockaded woodpeckers require open pine woodlands and savannahs with large old pines for nesting and roosting habitat. Large old pines are required as cavity trees because the cavities are excavated completely within inactive heartwood, so that the cavity interior remains free from resin that can entrap the birds. Also, old pines are preferred as cavity trees, because of the higher incidence of the heartwood decay that greatly facilitates cavity excavation. Cavity trees must be in open stands with little or no hardwood midstory and few or no overstory hardwoods, a condition frequently resulting from periodic burning of the understory. Hardwood encroachment resulting from fire suppression is a well-known cause of cluster abandonment(USFWS 2003b). The habitat on the FASTC parcels is dominated by closed canopy forests. The limited grassland areas are managed by frequent

mowing rather than prescribed burning. As a result, the habitat on the project area parcels would not meet the habitat requirements for Red-Cockaded Woodpeckers. Additionally, according to the Ft. Pickett Integrated Natural Resources Management Plan, this species has never been documented at Fort Pickett. Therefore, this species would not occur in the project area.

The dwarf wedgemussel (*Alasmidonta heterodon*) lives on muddy sand, sand, and gravel bottoms in creeks and rivers of various sizes. It requires areas of slow to moderate current, good water quality, and little silt deposition. The only known population of dwarf wedgemussel in Nottoway County is found in the main stem of the Nottoway River (USFWS 1993). This species is not known to occur in the project area, however, the use of BMPs for sedimentation and erosion control during all aspects of FASTC construction would eliminate the potential for impacts to surface waters on or downstream of the project area, thereby eliminating any potential impacts to dwarf wedgemussel should they be present on LRA Parcel in Hurricane Branch. Therefore, GSA has determined that the proposed action would have no effect on dwarf wedgemussel.

Upland sandpiper (*Bartramia longicauda*) are birds of open grasslands and short-grass prairie. They may be found in large fallow fields, pastures and grassy areas greater than 250 acres. Upland sandpipers need a mosaic of grasses in a large area, using the shorter grass areas for foraging and courtship and the taller grasses for nesting and brood cover (PGC 2009a). They are likely a fall migrant in Nottoway County. None of the grassland areas within the study area are large enough to be considered upland sandpiper habitat and this species is not likely to be present.

Loggerhead Shrike (*Lanius ludovicianus*) is a resident subspecies of shrike. Loggerhead shrikes prefer short grass pastures with scattered shrubs and fencerows or small utility lines. They have been observed using agricultural landscapes, shelterbelts, cemeteries, golf courses and reclaimed strip mines in other parts of their range. Essential elements in suitable habitat include short grasses and forbs interspersed with perching locations for hunting and shrubs/small trees for nesting (PGC 2009b). Where shrubs and low trees are not present, there are no occurrences of shrikes (USACE 1997). Preferred nest trees include thorny species (e.g. hawthorn and locust), presumably to deter predators from getting to the eggs (PGC 2009b). Territories are usually about 15-20 acres in size (Dechant et. al. 2002). Prescribed burns are beneficial to shrike habitat because it reduces midstory woody vegetation and promotes herbaceous layer which increases prey (USACE 1997). According to the Fort Pickett INRMP, loggerhead shrikes have never been documented at Fort Pickett (VAANG 2007). The habitat present in the study areas does not meet the requirements for loggerhead shrike; therefore, this species is not likely to be present in the project area.

Migrant Loggerhead Shrike (*Lanius ludovicianus migrans*) is a migrant subspecies of shrike that differs slightly in coloring and has shorter wings than the resident species of shrike. Breeding season is similar to resident shrike, but migratory populations of shrike head northward to breeding ground from early April to May (USACE 1997). The habitat for migrant loggerhead shrike is similar to that of resident shrike. Migrant loggerhead Shrike have never been documented or observed at Fort Pickett. In addition, the habitat present in the study areas does not meet the requirements for migrant loggerhead shrike and this species is not likely to be present in the project area.

Bachman's sparrow (*Aimophila aestivalis*) historically inhabited open pine forests, but has also adapted to open clear cuts and utility right-of-ways where open grassy habitat exists. It has been observed on Fort Pickett in association with areas frequently burned, however areas burned too infrequently or too frequently are abandoned (VAARNG 2007). Bachman sparrow is commonly found in pine savannahs

with sparse understory and shrub growth, or areas with adequate ground cover of grass and forbs. All confirmed sightings of Bachman's Sparrows at ARNG-MTC Fort Pickett to date have been within or just north of the Controlled Access Area, approximately 2,000 feet from Parcel 21/20. The Controlled Access Area is an approximately 10,500-acre area where VAARNG conducts live-fire training in convoy operations, helicopter door gunnery, engineer breach lanes, defense, aerial gunnery, and combined arms operations. The frequent fires caused by military training that occur in the Controlled Access Area provide the necessary habitat for Bachman's sparrow (VAARNG 2007). Bachman sparrow have not been documented on the project area parcels and because of the lack of burn maintenance, the project area parcels do not contain suitable habitat for Bachman's sparrow (VAARNG 2007). Therefore, this species is not likely to occur.

Atlantic Pigtoe (*Fusconaia masoni*) require fast-flowing, well-oxygenated streams and are restricted to fairly pristine habitats. They are very sensitive to sedimentation and channel modification, and the larvae are extremely sensitive to pollution (Wolf 2010). The Nottoway River is habitat to one of the healthiest populations of Atlantic pigtoe. Extensive surveys for this species have been conducted at Fort Pickett and all known populations are located in the Nottoway River mainstem to the south of the study area (Wolf 2010). According to VAFWIS, there is predicted habitat present for Atlantic pigtoe in the southern 300 feet of Hurricane Branch where it forms the southwest boundary of LRA Parcel 10. The potential for habitat to be present on LRA Parcel 10 was confirmed through a field survey of the reach as the stream substrate was observed to be composed of sand and finer sediment, with visible flow and an average depth of six inches. However, this reach and its tributaries have been subject to disturbance from road and utility crossings. Additionally, a spillway is present on Hurricane Branch to the south of Parcel 10 that would impede movement of Atlantic pigtoe upstream from the known populations in the Nottoway River. Therefore, this species is not likely to occur within the project area. However, BMPs for sedimentation and erosion control would be employed during all aspects of FASTC construction to eliminate the potential for impacts to surface waters on or downstream of the project area, thereby ensuring there would be no impacts to Atlantic pigtoe in downstream areas.

Whitemouth Shiner (*Notropis alborus*) are known to occur from North Carolina river drainages to Virginia where they occur in the Chowan and Roanoke drainages. Shiner inhabit small to medium sized warm streams that are high to medium gradient. They prefer clear to turbid water streams with sand to rubble bedrock substrate and a swift current with alternating pools and riffles. Whitemouth shiner habitat is threatened by development and land use practices that cause sedimentation of stream characteristics and by impoundments (Naturserve 2012). The stream located on LRA Parcel 9 are all listed on the Virginia 303(d) list of impaired waters due to nonattainment of the dissolved oxygen standard. The stream does not meet its designated use for aquatic life. Therefore, it is unlikely to support populations of whitemouth shiner. Parcel 21/20 contains Birch Creek and several unnamed tributaries. Birch Creek contains two large manmade impoundments and many portions of its drainage is slow moving and marshy, forming extensive wetlands. The presence of the impoundments would prevent the movement of fish between the Nottoway River and Birch Lake to the south of the 21/20 parcel. The low stream flows and marsh habitats associated with Birch Creek are not likely to support populations of Whitemouth shiner. Therefore this species is not likely to occur on Parcel 21/20. Hurricane Branch is located along the western boundary of LRA Parcel 10. This stream is primarily composed of sand and finer sediment, has visible perennial flow and an average depth of 6 inches at its southern extent. Therefore, it would provide suitable habitat for whitemouth shiner. A spillway is present on Hurricane Branch to the south of Parcel 10 that would impede upstream movement of fish and therefore this species is not likely to occur in the Parcel 10 project area. Construction for FASTC at this location would not occur within 100 feet of the stream and BMPs for sedimentation and erosion

control would be employed during all aspects of FASTC construction to eliminate the potential for impacts to surface waters on or downstream of the project area, thereby ensuring there would be no impacts to whitemouth shiner should they be present in downstream areas.

In addition to the species listed by VAFWIS, Michaux's sumac was identified by the USFWS as having the potential to occur in the project area (Enclosure 5). Michaux's sumac is known to occur on ARNG-MTC, and all known stands of this plant have been mapped (VAARNG 2007). Michaux's sumac is unlikely to occur on Parcel 21/20, Grid Parcel or LRA Parcel 9. The fringe areas of the forests on these parcels are dominated by shrubs that are much larger than Michaux's sumac, and it would not be able to compete for space and necessary resources in these areas. The frequent use of mowing instead of prescribed burning of open areas on the parcels also renders the habitat unlikely to support this species. Potential habitat for Michaux's sumac was identified during the habitat review of LRA Parcel 10 along the southernmost power utility easement. One site access road is planned to traverse this easement. GSA conducted a survey for Michaux's sumac in June 2012, and this species was not identified on the parcel.

Bald and Golden Eagle Protection Act

Although no longer a listed species under the Endangered Species Act, bald eagles (*Haliaeetus leucocephalus*) are known to occur at ARNG-MTC Fort Pickett and are protected under the Bald and Golden Eagle Protection Act and are listed as threatened by the Commonwealth of Virginia. There are two known active bald eagle nests on ARNG-MTC; however, no eagle concentration areas are present. One active nest (Nest Code: NY0801) is located on Hurricane Branch approximately 2.5 miles south of LRA Parcel 9. This nesting site would not be affected by the proposed action. A second active bald eagle nest was discovered near Parcel 21/20 during a 2012 field survey conducted for the EIS and VDGIF has not yet assigned it a nest code. It is unknown at this time if this is a recurrent nest, if this nest has ever successfully fledged young, or whether the nest will be used again in the future. VAARNG has advised that they intend to perform studies of the nest. The nest is located approximately 440 feet east and 225 feet south of the southeast 21/20 parcel boundary, near existing VAARNG outdoor firing ranges (Enclosures 2 and 3).

The closest proposed FASTC project facilities to the nest are indoor firing range buildings and classrooms. Operations at these facilities are not likely to disturb nesting eagles as most noise and activity would be contained within the buildings. Moreover, the nest is currently located within an environment of similar activity because it is located approximately 1,000 feet west of an existing VAARNG outdoor firing range. This range is the closest to the nest and is not associated with the FASTC project. The range is used by VAARNG.

Under Alternative 1, construction of the southernmost firing range building would occur within 660 feet of the nest. If bald eagles are using this nest at the time of planned construction of this firing range building, construction would be scheduled to occur only between August and January, outside of the eagle nesting season. Under Alternative 2, construction of the southernmost firing range building would occur outside of the 660 foot buffer. Under either alternative, the nest is not visible from the proposed construction areas due to the presence of pine forest between the site and the nest. As part of design specifications, the clearing of trees around the facility at the Alternative 1 location would be minimized to the maximum extent practicable to avoid any potential line of sight impacts to the nest.

Outdoor firing ranges and explosives pads associated with FASTC are not anticipated to disturb nesting eagles. The closest proposed explosives pad is located approximately 2,800 feet away from the nest site and the noise produced by it would be similar to current noise levels produced at ARNG-MTC. The

closest outdoor firing range proposed for use for the FASTC project is located approximately 1,750 feet northeast of the eagle nest at an existing VAARNG range (300 Meter Range). The increased use of the 300 Meter Range (Range 8) is not anticipated to disturb nesting eagles as the birds would be accustomed to noise disturbance by the various existing VAARNG ranges in the area.

GSA will coordinate with USFWS and VADCR to implement measures to minimize impacts of the proposed action on bald eagles to ensure that there are no "takes" of bald eagles as defined by 16 U.S.C. 668-668c.

We appreciate your review of the proposed project. If you have any questions, please contact me at 215-446-4570 or myles.goodman@gsa.gov.

Sincerely,



Myles Goodman
General Services Administration

Enclosures: 1. Project Location Map
 2. Alternative 1 Site Map
 3. Alternative 2 Site Map
 4. VaFWIS Initial Project Assessment
 5. USFWS Official Species List

Cc:

Virginia Army National Guard – Fort Pickett
Virginia Department of Conservation and Recreation - Division of Natural Heritage
U.S. Department of State

References:

Dechant, J. A., M. L. Sondreal, D. H. Johnson, L. D. Igl, C. M. Goldade, M. P. Nenneman, A. L. Zimmerman, and B. R. Euliss. 1998 (revised 2002). Effects of management practices on grassland birds: Loggerhead Shrike. Northern Prairie Wildlife Research Center, Jamestown, ND. 19 pages.

NatureServe. 2012. NatureServe Explorer: An online encyclopedia of life [web application]. Version 7.1. NatureServe, Arlington, Virginia. Available <http://www.natureserve.org/explorer>. (Accessed: May 7, 2012).

Pennsylvania Game Commission (PGC) 2009a. Upland Sandpiper (*Bartramia longicauda*). November 13, 2009.

PGC 2009b. Loggerhead Shrike (*Lanius ludovicianus*). October 16, 2009.

USACE. 1997. Species Profile: Loggerhead Shrike (*Lanius ludovicianus*) on Military Installations in the Southeastern United States. Technical Report SERDP-97-8. September.

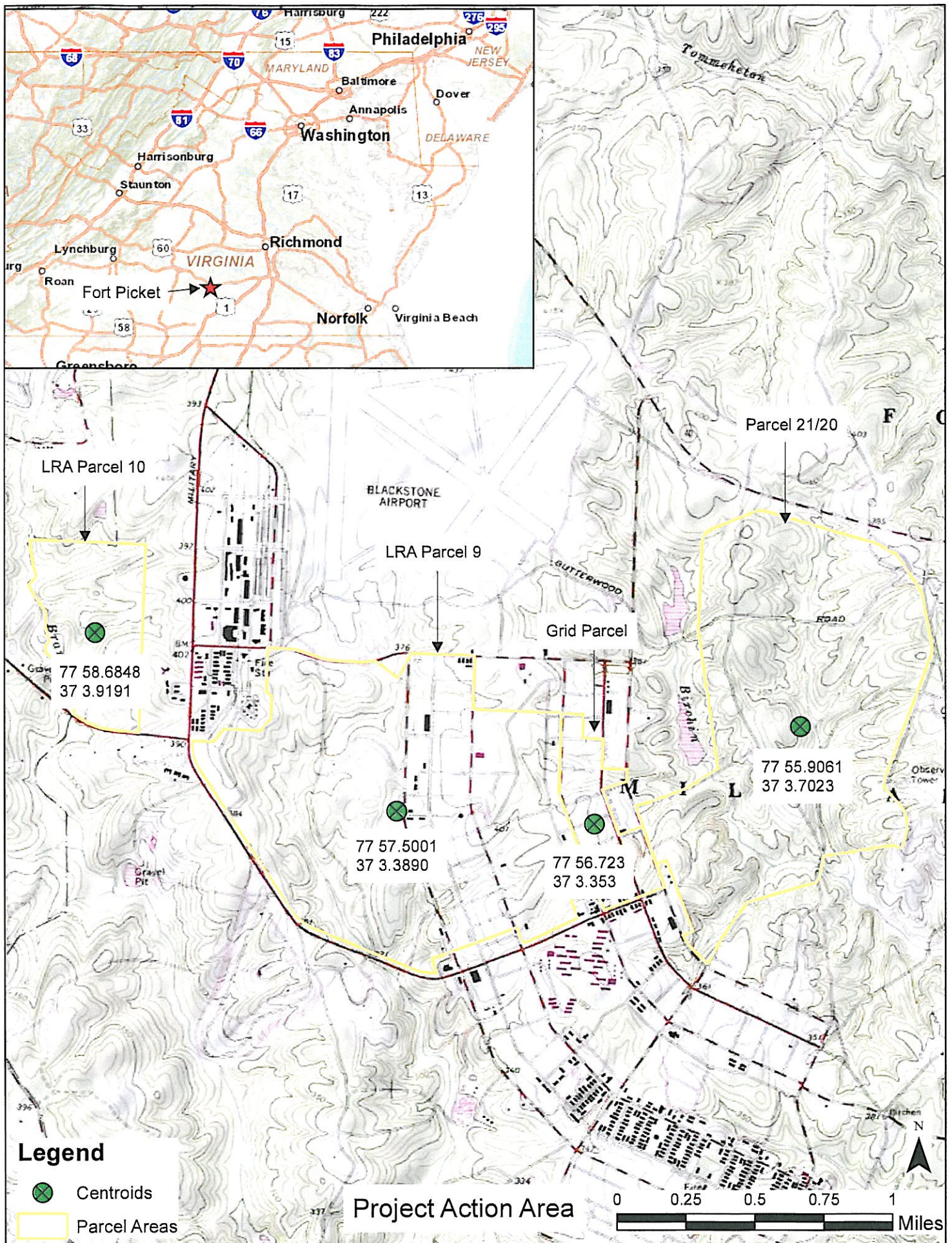
USFWS 2003a. Fact Sheet: Roanoke Logperch (*Percina rex*). August 2003.

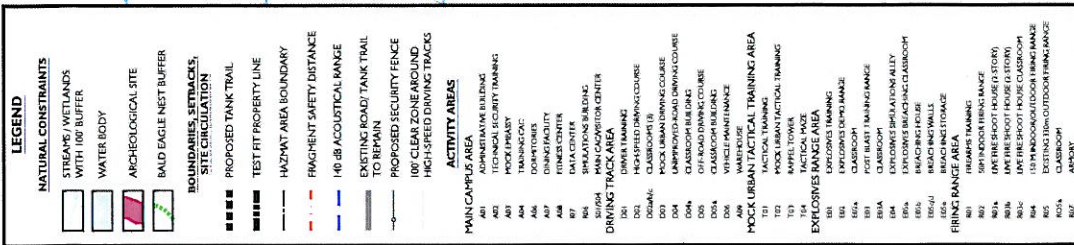
USFWS 2003b. Recovery Plan for the Red-cockaded Woodpecker (*Picoides borealis*): Second Revision. January 27, 2003.

USFWS 1993. Dwarf Wedge Mussel (*Alasmidonta heterodon*) Recovery Plan. February 8, 1993.

VAARNG 2007. Draft Final Revision Integrated Natural Resources Management Plan and Environmental Assessment Fort Pickett Maneuver Training Center Blackstone, Virginia. FY 2007.

Wolf 2010. Department of Defense Legacy Resource Management Program. Project Number 09-450. Propagation of Species At Risk Atlantic Pigtoe on Military Installations. April 30, 2010.





UNITED STATES DEPARTMENT OF STATE
OFFICE OF REAL PROPERTY MANAGEMENT
WASHINGTON, D.C.

FOREIGN AFFAIRS SECURITY TRAINING CENTER
MASTER PLAN
FORT PICKETT, BLACKSTONE, VA

BUILD ALTERNATIVE I

JULY 17, 2012

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Washington, DC 20036 202 659 5600 www.kcc.com



VaFWIS Search Report Compiled on 5/14/2012, 11:47:00 AM[Help](#)

Observations reported or potential habitat occurs within a **3 mile radius around point 37,03,22.2 -77,57,08.6**
in **135 Nottoway County, VA**

[View Map of Site Location](#)

353 Known or Likely Species ordered by Status Concern for Conservation
(displaying first 21) (21 species with Status* or Tier I** or Tier II**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name
010214	FESE	I	Logperch, Roanoke	Percina rex
060003	FESE	II	Wedgemussel, dwarf	Alasmodonta heterodon
040129	ST	I	Sandpiper, upland	Bartramia longicauda
040293	ST	I	Shrike, loggerhead	Lanius ludovicianus
040385	ST	I	Sparrow, Bachman's	Aimophila aestivalis
040093	FSST	II	Eagle, bald	Haliaeetus leucocephalus
060173	FSST	II	Pigtoe, Atlantic	Fusconaia masoni
010070	ST	IV	Shiner, whitemouth	Notropis alborus
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans
060029	FS	III	Lance, yellow	Elliptio lanceolata
070105	FS	III	Crayfish, Chowanoke	Orconectes virginianus
030063	CC	III	Turtle, spotted	Clemmys guttata
010077		I	Shiner, bridge	Notropis bifrenatus
040225		I	Sapsucker, yellow-bellied	Sphyrapicus varius
040319		I	Warbler, black-throated green	Dendroica virens
010174		II	Bass, Roanoke	Ambloplites cavifrons
040052		II	Duck, American black	Anas rubripes
040213		II	Owl, northern saw-whet	Aegolius acadicus
040105		II	Rail, king	Rallus elegans
040320		II	Warbler, cerulean	Dendroica cerulea
040266		II	Wren, winter	Troglodytes troglodytes

To view **All 353 species** [View 353](#)

* FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FC=Federal Candidate;
FS=Federal Species of Concern; CC=Collection Concern

** I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

NOTE: For ESA consultation purposes only those species listed as state or federally threatened or endangered were addressed in this correspondence and the entire VaFWIS species list is not enclosed.

Anadromous Fish Use Streams

N/A

Impediments to Fish Passage (2 records)[View Map of All Fish Impediments](#)

ID	Name	River	View Map
226	BUTTERWOOD LAKE UPPER DAM	BIRCHIN CREEK	Yes
227	BUTTERWOOD LOWER DAM	BIRCHIN CREEK	Yes

Threatened and Endangered Waters

N/A

Managed Trout Streams

N/A

Bald Eagle Concentration Areas and Roosts

N/A

Bald Eagle Nests

N/A

Habitat Predicted for Aquatic WAP Tier I & II Species (3 Reaches)[View Map Combined Reaches from Below of Habitat Predicted for WAP Tier I & II Aquatic Species](#)

Stream Name	Tier Species						View Map
	Highest TE*	BOVA Code, Status*, Tier**, Common & Scientific Name					
Birchin Creek (03010201)	FESE	010214	FESE	I	Logperch, Roanoke	Percina rex	Yes
		060173	FSST	II	Pigtoe, Atlantic	Fusconaia masoni	
Hurricane Branch (03010201)	FESE	010214	FESE	I	Logperch, Roanoke	Percina rex	Yes
		060173	FSST	II	Pigtoe, Atlantic	Fusconaia masoni	
Tommeheton Creek (03010201)	FESE	010214	FESE	I	Logperch, Roanoke	Percina rex	Yes
		060173	FSST	II	Pigtoe, Atlantic	Fusconaia masoni	

Habitat Predicted for Terrestrial WAP Tier I & II Species

BOVA Code	Status*	Tier**	Common Name	Scientific Name	View Map
040385	ST	I	Sparrow, Bachman's	Aimophila aestivalis	Yes

Virginia Breeding Bird Atlas Blocks (6 records)

[View Map of All Query Results](#)
[Virginia Breeding Bird Atlas Blocks](#)

BBA ID	Atlas Quadrangle Block Name	Breeding Bird Atlas Species			View Map
		Different Species	Highest TE*	Highest Tier**	
47054	Blackstone East, CE	73		IV	Yes
47053	Blackstone East, CW	73		IV	Yes
47052	Blackstone East, NE	72		IV	Yes
47051	Blackstone East, NW	68		III	Yes
47056	Blackstone East, SE	63		IV	Yes
47055	Blackstone East, SW	71		IV	Yes

Public Holdings: (1 names)

Name	Agency	Level
Fort Pickett Military Reservation	U.S. Dept. of Army	Federal

Summary of BOVA Species Associated with Cities and Counties of the Commonwealth of Virginia:

FIPS Code	City and County Name	Different Species	Highest TE	Highest Tier
135	Nottoway	334	FESE	I

USGS 7.5' Quadrangles:

Blackstone West
 Blackstone East

USGS NRCS Watersheds in Virginia:

N/A

USGS National 6th Order Watersheds Summary of Wildlife Action Plan Tier I, II, III, and IV Species:

HU6 Code	USGS 6th Order Hydrologic Unit	Different Species	Highest TE	Highest Tier
CU07	Nottoway River-Cedar Creek	60	FESE	I
CU08	Hurricane Branch-Long Branch	52	FESE	I
CU10	Tommeheton Creek	54	FESE	I
JA30	Cellar Creek	48	FSST	I

Site Location

37,03,22.1 -77,57,08.5

is the Search Point

Show Position Rings

☒ Yes ☐ No1 mile and 1/4 mile at the
Search Point

Show Search Area

☒ Yes ☐ No3 Search distance miles
radiusSearch Point is at
map center

Base Map Choices

Topography

Map Overlay Choices

Current List: Position,
Search, BECAR, BAEANests,
TEWaters, TierII, Habitat,
Trout, Anadromous

Map Overlay Legend

T & E Waters

Federal

State

Trout Waters

Class I - IV

Class V - VI

Anadromous Fish Reach

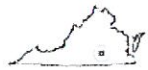
Confirmed

Potential

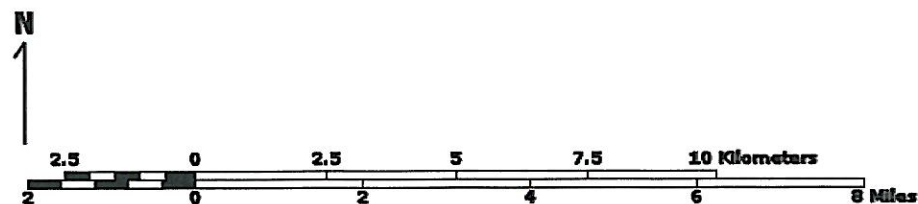
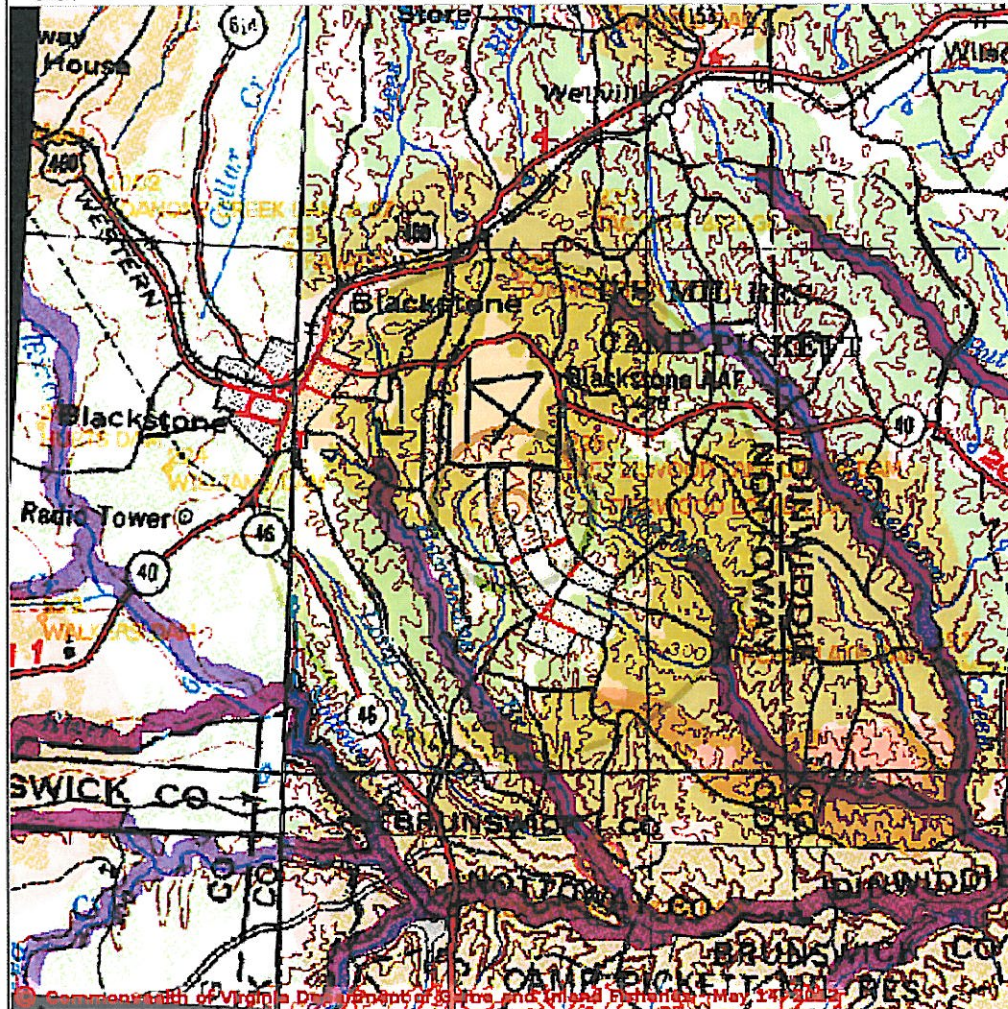
J23

Impediment

Position Rings

1 mile and 1/4
mile at theVirginia Fish and Wildlife
Information Service

Map Click **Pan** **In** **Zoom** **Out** Map Scale **Refresh Browser Page** Screen Size **Small** **Size** **Big** **Help**



Point of Search 37,03,22.1 -77,57,08.5

Map Location 37,03,22.1 -77,57,08.5

Search Point**3 mile radius
Search Area****Bald Eagle
Concentration Areas
and Roosts****Bald Eagle Nests****Data
Observation Site**
2 Mile WAP Tier 1+IISelect **Coordinate System:** ☒ Degrees,Minutes,Seconds Latitude - Longitude☐ Decimal Degrees Latitude - Longitude☐ Meters UTM NAD83 East North Zone☐ Meters UTM NAD27 East North ZoneBase Map source: USGS 1:250,000 topographic maps (see [Microsoft terraserver-usa.com](http://Microsoft.terraserver-usa.com) for details)

Map projection is UTM Zone 18 NAD 1983 with left 227881 and top 4114797. Pixel size is 32 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixles. The map display represents 19200 meters east to west by 19200 meters north to south for a total of 368.6 square kilometers. The map display represents 63002 feet east to west by 63002 feet north to south for a total of 142.3 square miles.

A UTM Zone change occurs within the image. The left-hand side of the image is a pseudo projection from UTM Zone 17 into UTM Zone 18 resulting in reduced spatial accuracy within the portion of the image occurring in UTM Zone 17.

Topographic maps and Black and white aerial photography for year 1990+- are from the United States Department of the Interior, United States Geological Survey. Color aerial photography aquired 2002 is from Virginia Base Mapping Program, Virginia Geographic Information Network.

Shaded topographic maps are from TOPO! ©2006 National Geographic

<http://www.national.geographic.com/topo>

All other map products are from the Commonwealth of Virginia Department of Game and Inland Fisheries.

map assembled 2012-05-14 11:48:05 (qa/qc December 1, 2011 15:16 - tn=395878.0
dist=4827 Visitor)

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0

Submit Query



Project name: FASTC

Official Species-list: *FASTC*

Virginia Ecological Services Field Office

Following is an official U.S. Fish and Wildlife Service species-list from the Virginia Ecological Services Field Office. The species-list identifies listed and proposed species and designated and proposed critical habitat that may be affected by the project "FASTC". You may use this list to meet the requirements of section 7(c) of the Endangered Species Act of 1973, as amended (ESA).

This species-list has been generated by the Service's on-line Information, Planning, and Conservation (IPaC) decision support system based on project type and location information you provided on March 23, 2012, 9:35 AM. This information is summarized below.

Please reference our tracking number, 05E2VA00-2012-SLI-0488, in future reference to this project to assist in expediting the process.

Newer information based on updated surveys, changes in the abundance and distribution of listed species, changed habitat conditions, or other factors could change this list. Please feel free to contact the office(s) identified below if you need more current information or assistance regarding the potential presence of federally proposed, listed, or candidate species, or proposed or designated critical habitat. Please note that under the ESA, a species-list is valid for 90 days. Therefore, the Service recommends that you visit the IPaC site at regular intervals during project planning and implementation for updates to species-lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive this list. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

This list below only addresses federally proposed, listed, or candidate species and federally designated critical habitat. Please contact the appropriate State agencies for information regarding State species of special designation. Also, please feel free to contact the office(s) identified below if you would like information on other important trust resources (such as migratory birds) in your project area.



United States Department of Interior
Fish and Wildlife Service

Project name: FASTC

This Species-list document is provided by:

VIRGINIA ECOLOGICAL SERVICES FIELD OFFICE

6669 SHORT LANE

GLOUCESTER, VA 23061

(804) 693-6694

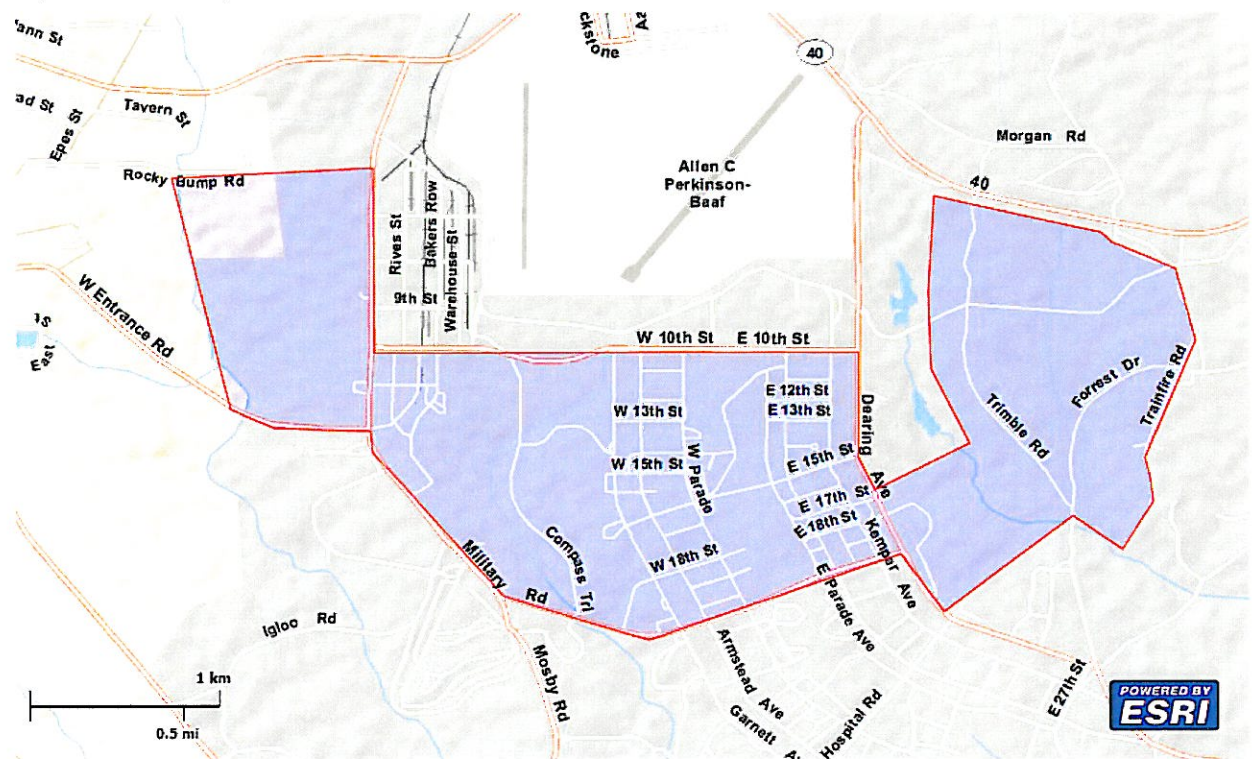
<http://www.fws.gov/northeast/virginiafield/>

TAILS consultation code: 05E2VA00-2012-SLI-0488

Project type: Development



Project location map:



Project coordinates: MULTIPOLYGON (((-77.983716 37.074628, -77.9717855 37.0752288, -77.9716997 37.0643283, -77.9432039 37.0643283, -77.9432039 37.0581485, -77.942174 37.0561744, -77.9365091 37.058921, -77.9388266 37.0632984, -77.9389982 37.0678474, -77.9386549 37.0735122, -77.9287844 37.0713664, -77.9280977 37.0707656, -77.924407 37.0692207, -77.9232054 37.065015, -77.9262094 37.0580627, -77.9258661 37.0568611, -77.9256945 37.0554878, -77.9274969 37.0526554, -77.9304152 37.0546295, -77.9380541 37.0489646, -77.940629 37.0523979, -77.9554777 37.0473339, -77.9640608 37.0499088, -77.9717855 37.058406, -77.9719572 37.0596935, -77.977622 37.0598651, -77.980197 37.0609809, -77.983716 37.074628))))

Project counties: Nottoway, VA



United States Department of Interior
Fish and Wildlife Service

Project name: FASTC

Endangered Species Act Species-list

Dwarf wedgemussel (*Alasmodonta heterodon*)

Listing Status: Endangered

Michaux's sumac (*Rhus michauxii*)

Listing Status: Endangered

Roanoke logperch (*Percina rex*)

Listing Status: Endangered



GSA Mid-Atlantic Region

July 16, 2012

Ms. Rene Hypes
Environmental Review Coordinator
Virginia Department of Conservation and Recreation - Division of Natural Heritage
217 Governor Street
Richmond, VA 23219

Re: PROPOSED DEVELOPMENT OF A FOREIGN AFFAIRS SECURITY TRAINING CENTER (FASTC) IN NOTTOWAY COUNTY, VIRGINIA BY THE GENERAL SERVICES ADMINISTRATION AND THE U.S. DEPARTMENT OF STATE, BUREAU OF DIPLOMATIC SECURITY.

Dear Ms. Hypes,

The United States (U.S.) General Services Administration (GSA) is preparing an Environmental Impact Statement (EIS) for the proposed acquisition of land and development of a U.S. Department of State (DOS), Bureau of Diplomatic Security (DS) Foreign Affairs Security Training Center (FASTC). This letter is to request informal consultation with the Virginia Department of Game and Inland Fisheries (VDGIF) in accordance with U.S. Fish and Wildlife Coordination Act, including review of GSA's determination for the proposed action.

GSA is the action proponent for the proposed project and is acting in cooperation with DOS, U.S. Army Corps of Engineers, U.S. Environmental Protection Agency and National Guard Bureau. The U.S. Army Corps of Engineers will have permitting authority over this action as it would affect waters of the U.S. (i.e. jurisdictional wetlands) and would participate in consultation with your agency, if deemed necessary.

Project Description

The proposed development would occur on four parcels of land at the Army National Guard Maneuver Training Center (ARNG-MTC) and Pickett Park in Nottoway County, Virginia, near the town of Blackstone (Enclosure 1); referred to herein as ARNG-MTC Parcels 21/20 and Grid Parcel and Nottoway County LRA Parcel 9 and LRA Parcel 10. These parcels comprise the "Action Area" (Enclosure 1). The use of Parcel 21/20 would be authorized by a Land Use Agreement implemented through a Memorandum of Understanding with VAARNG, and LRA Parcels 9 and 10 would be purchased from Nottoway County.

The project would consolidate existing dispersed training functions into a single location to improve training efficiency and enhance the training operations of DS. At project completion, the proposed FASTC would be a complete training center for 8,000-10,000 students annually. The facility would provide state-of-the-art instruction in soft and hard skills, as well as administrative and life support functions, including a residential campus. Facilities that would be constructed to support the FASTC program include a Main Campus (classrooms, dormitories and other life support, administration, and security), a Mock Urban Tactical Training Area, High Speed Driving Tracks, Off Road/Unimproved Driving Tracks, Firing Ranges, and Explosives Ranges.

U. S. General Services Administration
20 N. 8th Street
Philadelphia, PA 19107-3191
www.gsa.gov

FASTC would be developed in three phases between 2014 and 2020 and would require the clearing of approximately 1,400 acres of primarily forested land for the construction of facilities.

GSA is considering two build alternatives for the proposed FASTC facility and a no action alternative. The main differences between the build alternatives are the location of the Main Campus and the layout of the project on two parcels versus four parcels. The two action alternatives consist of varied layouts that consider the programmatic requirements of the proposed FASTC facility and configurations that minimize environmental impacts. Design of this project has not been completed and a final decision on the preferred alternative has not yet been made. Therefore, GSA is requesting your review of both alternatives, which are described below and depicted on Enclosures 2 and 3.

- Alternative 1

Under Alternative 1, the facilities would be constructed on Parcel 21/20 and LRA Parcel 9 (Enclosure 2). The Main Campus would be centrally located on a plateau along the western boundary of Parcel 21/20. Locating the Main Campus on a plateau of Parcel 21/20 utilizes a relatively flat area to minimize re-grading. A dense development footprint minimizes encroachment on existing wetlands.

Firing Ranges would be located in the east-central portion of Parcel 21/20, northeast of the campus area. Range buildings are located to maximize the use of existing roads and an existing ARNG-MTC 300 meter firing range (Range 8), which would minimize the area of development and associated environmental impacts.

Explosives Ranges would be located in the northern portion of Parcel 21/20. Access to the Explosives Ranges would be achieved with a combination of new roads and existing tank trails. Individual explosive pads are positioned to keep all blast fragment clearances entirely within Parcel 21/20 boundaries.

The Mock Urban Tactical Training Area would be situated in the eastern portion of LRA Parcel 9 and the High Speed Driving Track and Off Road/Unimproved Driving Track Areas would occupy the majority of the remaining land area. FASTC Emergency Services (EMS) would be co-located with the ARNG-MTC EMS adjacent to the southern boundary of LRA Parcel 9, on Military Road to take advantage of synergies between the agencies.

- Alternative 2

Alternative 2 includes all of the FASTC program elements that are included in Alternative 1. The Main Campus would be located on LRA Parcel 10 to the west of LRA Parcel 9 and the Explosive Ranges would be constructed in an alternative configuration (Enclosure 3).

Similar to Alternative 1, the High Speed Driving Tracks and Off Road/Unimproved Driving Track Areas would be located on LRA Parcel 9; however, the driving tracks would be spaced farther apart and Mock Urban Tactical Training Area would be located on the Grid Parcel.

State Threatened and Endangered species

A Virginia Fish and Wildlife Information Service (VaFWIS) query was conducted on an area with a 3-mile radius that fully encompassed the project parcels as well as outlying areas (Enclosure 4). The following species were listed by the VaFWIS as having potential to occur in the project area and are afforded legal

status under the provisions of the Virginia Endangered Plant and Insect Species Act (Chapter 10 §3.2-1000 through 1011 of the Code of Virginia):

Status*	Common Name	Scientific Name
FESE	Logperch, Roanoke	<i>Percina rex</i>
FESE	Woodpecker, Red-cockaded	<i>Picoides borealis</i>
FESE	Wedgemussel, Dwarf	<i>Alasmodonta heterodon</i>
ST	Sandpiper, Upland	<i>Bartramia longicauda</i>
ST	Shrike, Loggerhead	<i>Lanius ludovicianus</i>
ST	Shrike, Migrant loggerhead	<i>Lanius ludovicianus migrans</i>
ST	Sparrow, Bachman's	<i>Aimophila aestivalis</i>
FSST	Pigtoe, Atlantic	<i>Fusconaia masoni</i>
ST	Shiner, Whitemouth	<i>Notropis alborus</i>
FS*ST	Eagle, Bald	<i>Haliaeetus leucocephalus</i>

FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FS=Federal Species of Concern* The Bald Eagle was removed from the Federal List of Endangered and Threatened Wildlife in 2007.

The Roanoke logperch (*Percina rex*) typically inhabits medium-to-large, warm, usually clear streams and small rivers of moderate to low gradient. Adults usually inhabit the main body of stream pools, runs, and riffles and select areas with exposed, silt free gravel substrate (USFWS 2003a). An online inquiry with the Virginia Department of Game and Inland Fisheries Fish and Wildlife Information Service identified approximately 300 feet of Hurricane Branch, along the western boundary of LRA Parcel 10, as potential Roanoke Logperch habitat. The potential for logperch to occur in this area is low due the presence of a downstream spillway that would hinder fish movements and because of adverse impacts to stream tributaries from utility crossings. No development on LRA Parcel 10 would occur along the banks of Hurricane Branch and no stream crossings of this waterbody are proposed. One stream crossing is proposed across a tributary to Hurricane Branch. This tributary has been previously disturbed by the installation of underground utilities. No in-stream work would occur in Hurricane Branch or its tributaries eliminating the potential for direct impacts to Roanoke logperch. The use of Best Management Practices (BMPs) for sedimentation and erosion control during all aspects of FASTC construction would eliminate the potential for impacts to surface waters on or downstream of the project area, including Hurricane Branch and its tributaries. Therefore, GSA has determined that the proposed action would have no effect on Roanoke logperch.

Red-cockaded woodpecker (*Picoides borealis*) is listed as an endangered species within the Commonwealth of Virginia. Red-cockaded woodpeckers require open pine woodlands and savannahs with large old pines for nesting and roosting habitat. Large old pines are required as cavity trees because the cavities are excavated completely within inactive heartwood, so that the cavity interior remains free from resin that can entrap the birds. Also, old pines are preferred as cavity trees, because of the higher incidence of the heartwood decay that greatly facilitates cavity excavation. Cavity trees must be in open stands with little or no hardwood midstory and few or no overstory hardwoods, a condition frequently resulting from periodic burning of the understory. Hardwood encroachment resulting from fire suppression is a well-known cause of cluster abandonment(USFWS 2003b). The habitat on the FASTC parcels is dominated by closed canopy forests. The limited grassland areas are managed by frequent

mowing rather than prescribed burning. As a result, the habitat on the project area parcels would not meet the habitat requirements for Red-Cockaded Woodpeckers. Additionally, according to the Ft. Pickett Integrated Natural Resources Management Plan, this species has never been documented at Fort Pickett. Therefore, this species would not occur in the project area.

The dwarf wedgemussel (*Alasmidonta heterodon*) lives on muddy sand, sand, and gravel bottoms in creeks and rivers of various sizes. It requires areas of slow to moderate current, good water quality, and little silt deposition. The only known population of dwarf wedgemussel in Nottoway County is found in the main stem of the Nottoway River (USFWS 1993). This species is not known to occur in the project area, however, the use of BMPs for sedimentation and erosion control during all aspects of FASTC construction would eliminate the potential for impacts to surface waters on or downstream of the project area, thereby eliminating any potential impacts to dwarf wedgemussel should they be present on LRA Parcel in Hurricane Branch. Therefore, GSA has determined that the proposed action would have no effect on dwarf wedgemussel.

Upland sandpiper (*Bartramia longicauda*) are birds of open grasslands and short-grass prairie. They may be found in large fallow fields, pastures and grassy areas greater than 250 acres. Upland sandpipers need a mosaic of grasses in a large area, using the shorter grass areas for foraging and courtship and the taller grasses for nesting and brood cover (PGC 2009a). They are likely a fall migrant in Nottoway County. None of the grassland areas within the study area are large enough to be considered upland sandpiper habitat and this species is not likely to be present.

Loggerhead Shrike (*Lanius ludovicianus*) is a resident subspecies of shrike. Loggerhead shrikes prefer short grass pastures with scattered shrubs and fencerows or small utility lines. They have been observed using agricultural landscapes, shelterbelts, cemeteries, golf courses and reclaimed strip mines in other parts of their range. Essential elements in suitable habitat include short grasses and forbs interspersed with perching locations for hunting and shrubs/small trees for nesting (PGC 2009b). Where shrubs and low trees are not present, there are no occurrences of shrikes (USACE 1997). Preferred nest trees include thorny species (e.g. hawthorn and locust), presumably to deter predators from getting to the eggs (PGC 2009b). Territories are usually about 15-20 acres in size (Dechant et. al. 2002). Prescribed burns are beneficial to shrike habitat because it reduces midstory woody vegetation and promotes herbaceous layer which increases prey (USACE 1997). According to the Fort Pickett INRMP, loggerhead shrikes have never been documented at Fort Pickett (VAANG 2007). The habitat present in the study areas does not meet the requirements for loggerhead shrike; therefore, this species is not likely to be present in the project area.

Migrant Loggerhead Shrike (*Lanius ludovicianus migrans*) is a migrant subspecies of shrike that differs slightly in coloring and has shorter wings than the resident species of shrike. Breeding season is similar to resident shrike, but migratory populations of shrike head northward to breeding ground from early April to May (USACE 1997). The habitat for migrant loggerhead shrike is similar to that of resident shrike. Migrant loggerhead Shrike have never been documented or observed at Fort Pickett. In addition, the habitat present in the study areas does not meet the requirements for migrant loggerhead shrike and this species is not likely to be present in the project area.

Bachman's sparrow (*Aimophila aestivalis*) historically inhabited open pine forests, but has also adapted to open clear cuts and utility right-of-ways where open grassy habitat exists. It has been observed on Fort Pickett in association with areas frequently burned, however areas burned too infrequently or too frequently are abandoned (VAARNG 2007). Bachman sparrow is commonly found in pine savannahs

with sparse understory and shrub growth, or areas with adequate ground cover of grass and forbs. All confirmed sightings of Bachman's Sparrows at ARNG-MTC Fort Pickett to date have been within or just north of the Controlled Access Area, approximately 2,000 feet from Parcel 21/20. The Controlled Access Area is an approximately 10,500-acre area where VAARNG conducts live-fire training in convoy operations, helicopter door gunnery, engineer breach lanes, defense, aerial gunnery, and combined arms operations. The frequent fires caused by military training that occur in the Controlled Access Area provide the necessary habitat for Bachman's sparrow (VAARNG 2007). Bachman sparrow have not been documented on the project area parcels and because of the lack of burn maintenance, the project area parcels do not contain suitable habitat for Bachman's sparrow (VAARNG 2007). Therefore, this species is not likely to occur.

Atlantic Pigtoe (*Fusconaia masoni*) require fast-flowing, well-oxygenated streams and are restricted to fairly pristine habitats. They are very sensitive to sedimentation and channel modification, and the larvae are extremely sensitive to pollution (Wolf 2010). The Nottoway River is habitat to one of the healthiest populations of Atlantic pigtoe. Extensive surveys for this species have been conducted at Fort Pickett and all known populations are located in the Nottoway River mainstem to the south of the study area (Wolf 2010). According to VAFWIS, there is predicted habitat present for Atlantic pigtoe in the southern 300 feet of Hurricane Branch where it forms the southwest boundary of LRA Parcel 10. The potential for habitat to be present on LRA Parcel 10 was confirmed through a field survey of the reach as the stream substrate was observed to be composed of sand and finer sediment, with visible flow and an average depth of six inches. However, this reach and its tributaries have been subject to disturbance from road and utility crossings. Additionally, a spillway is present on Hurricane Branch to the south of Parcel 10 that would impede movement of Atlantic pigtoe upstream from the known populations in the Nottoway River. Therefore, this species is not likely to occur within the project area. However, BMPs for sedimentation and erosion control would be employed during all aspects of FASTC construction to eliminate the potential for impacts to surface waters on or downstream of the project area, thereby ensuring there would be no impacts to Atlantic pigtoe in downstream areas.

Whitemouth Shiner (*Notropis alborus*) are known to occur from North Carolina river drainages to Virginia where they occur in the Chowan and Roanoke drainages. Shiner inhabit small to medium sized warm streams that are high to medium gradient. They prefer clear to turbid water streams with sand to rubble bedrock substrate and a swift current with alternating pools and riffles. Whitemouth shiner habitat is threatened by development and land use practices that cause sedimentation of stream characteristics and by impoundments (Naturserve 2012). The stream located on LRA Parcel 9 are all listed on the Virginia 303(d) list of impaired waters due to nonattainment of the dissolved oxygen standard. The stream does not meet its designated use for aquatic life. Therefore, it is unlikely to support populations of whitemouth shiner. Parcel 21/20 contains Birch Creek and several unnamed tributaries. Birch Creek contains two large manmade impoundments and many portions of its drainage is slow moving and marshy, forming extensive wetlands. The presence of the impoundments would prevent the movement of fish between the Nottoway River and Birch Lake to the south of the 21/20 parcel. The low stream flows and marsh habitats associated with Birch Creek are not likely to support populations of Whitemouth shiner. Therefore this species is not likely to occur on Parcel 21/20. Hurricane Branch is located along the western boundary of LRA Parcel 10. This stream is primarily composed of sand and finer sediment, has visible perennial flow and an average depth of 6 inches at its southern extent. Therefore, it would provide suitable habitat for whitemouth shiner. A spillway is present on Hurricane Branch to the south of Parcel 10 that would impede upstream movement of fish and therefore this species is not likely to occur in the Parcel 10 project area. Construction for FASTC at this location would not occur within 100 feet of the stream and BMPs for sedimentation and erosion

control would be employed during all aspects of FASTC construction to eliminate the potential for impacts to surface waters on or downstream of the project area, thereby ensuring there would be no impacts to whitemouth shiner should they be present in downstream areas.

In addition to the species listed by VAFWIS, Michaux's sumac was identified by the USFWS as having the potential to occur in the project area (Enclosure 5). Michaux's sumac is known to occur on ARNG-MTC, and all known stands of this plant have been mapped (VAARNG 2007). Michaux's sumac is unlikely to occur on Parcel 21/20, Grid Parcel or LRA Parcel 9. The fringe areas of the forests on these parcels are dominated by shrubs that are much larger than Michaux's sumac, and it would not be able to compete for space and necessary resources in these areas. The frequent use of mowing instead of prescribed burning of open areas on the parcels also renders the habitat unlikely to support this species. Potential habitat for Michaux's sumac was identified during the habitat review of LRA Parcel 10 along the southernmost power utility easement. One site access road is planned to traverse this easement. GSA conducted a survey for Michaux's sumac in June 2012, and this species was not identified on the parcel.

Bald and Golden Eagle Protection Act

Although no longer a listed species under the Endangered Species Act, bald eagles (*Haliaeetus leucocephalus*) are known to occur at ARNG-MTC Fort Pickett and are protected under the Bald and Golden Eagle Protection Act and are listed as threatened by the Commonwealth of Virginia. There are two known active bald eagle nests on ARNG-MTC; however, no eagle concentration areas are present. One active nest (Nest Code: NY0801) is located on Hurricane Branch approximately 2.5 miles south of LRA Parcel 9. This nesting site would not be affected by the proposed action. A second active bald eagle nest was discovered near Parcel 21/20 during a 2012 field survey conducted for the EIS and VDGIF has not yet assigned it a nest code. It is unknown at this time if this is a recurrent nest, if this nest has ever successfully fledged young, or whether the nest will be used again in the future. VAARNG has advised that they intend to perform studies of the nest. The nest is located approximately 440 feet east and 225 feet south of the southeast 21/20 parcel boundary, near existing VAARNG outdoor firing ranges (Enclosures 2 and 3).

The closest proposed FASTC project facilities to the nest are indoor firing range buildings and classrooms. Operations at these facilities are not likely to disturb nesting eagles as most noise and activity would be contained within the buildings. Moreover, the nest is currently located within an environment of similar activity because it is located approximately 1,000 feet west of an existing VAARNG outdoor firing range. This range is the closest to the nest and is not associated with the FASTC project. The range is used by VAARNG.

Under Alternative 1, construction of the southernmost firing range building would occur within 660 feet of the nest. If bald eagles are using this nest at the time of planned construction of this firing range building, construction would be scheduled to occur only between August and January, outside of the eagle nesting season. Under Alternative 2, construction of the southernmost firing range building would occur outside of the 660 foot buffer. Under either alternative, the nest is not visible from the proposed construction areas due to the presence of forest between the site and the nest. As part of design specifications, the clearing of trees around the facility at the Alternative 1 location would be minimized to the maximum extent practicable to avoid any potential line of sight impacts to the nest.

Outdoor firing ranges and explosives pads associated with FASTC are not anticipated to disturb nesting eagles. The closest proposed explosives pad is located approximately 2,800 feet away from the nest site and the noise produced by it would be similar to current noise levels produced at ARNG-MTC. The

closest outdoor firing range proposed for use for the FASTC project is located approximately 1,750 feet northeast of the eagle nest at an existing VAARNG range (300 Meter Range). The increased use of the 300 Meter Range (Range 8) is not anticipated to disturb nesting eagles as the birds would be accustomed to noise disturbance from existing VAARNG ranges in the area.

GSA will coordinate with USFWS and VADIF to implement measures to minimize impacts of the proposed action on bald eagles to ensure that there are no "takes" of bald eagles as defined by 16 U.S.C. 668-668c.

We appreciate your review of the proposed project. If you have any questions, please contact me at 215-446-4570 or myles.goodman@gsa.gov.

Sincerely,



Myles Goodman
General Services Administration

Enclosures: 1. Project Location Map
 2. Alternative 1 Site Map
 3. Alternative 2 Site Map
 4. VaFWIS Initial Project Assessment
 5. USFWS Official Species List

Cc:
Virginia Army National Guard – Fort Pickett
Virginia Department of Game and Inland Fisheries
U.S. Department of State

References:

Dechant, J. A., M. L. Sondreal, D. H. Johnson, L. D. Igl, C. M. Goldade, M. P. Nenneman, A. L. Zimmerman, and B. R. Euliss. 1998 (revised 2002). Effects of management practices on grassland birds: Loggerhead Shrike. Northern Prairie Wildlife Research Center, Jamestown, ND. 19 pages.

NatureServe. 2012. NatureServe Explorer: An online encyclopedia of life [web application]. Version 7.1. NatureServe, Arlington, Virginia. Available <http://www.natureserve.org/explorer>. (Accessed: May 7, 2012).

Pennsylvania Game Commission (PGC) 2009a. Upland Sandpiper (*Bartramia longicauda*). November 13, 2009.

PGC 2009b. Loggerhead Shrike (*Lanius ludovicianus*). October 16, 2009.

USACE. 1997. Species Profile: Loggerhead Shrike (*Lanius ludovicianus*) on Military Installations in the Southeastern United States. Technical Report SERDP-97-8. September.

USFWS 2003a. Fact Sheet: Roanoke Logperch (*Percina rex*). August 2003.

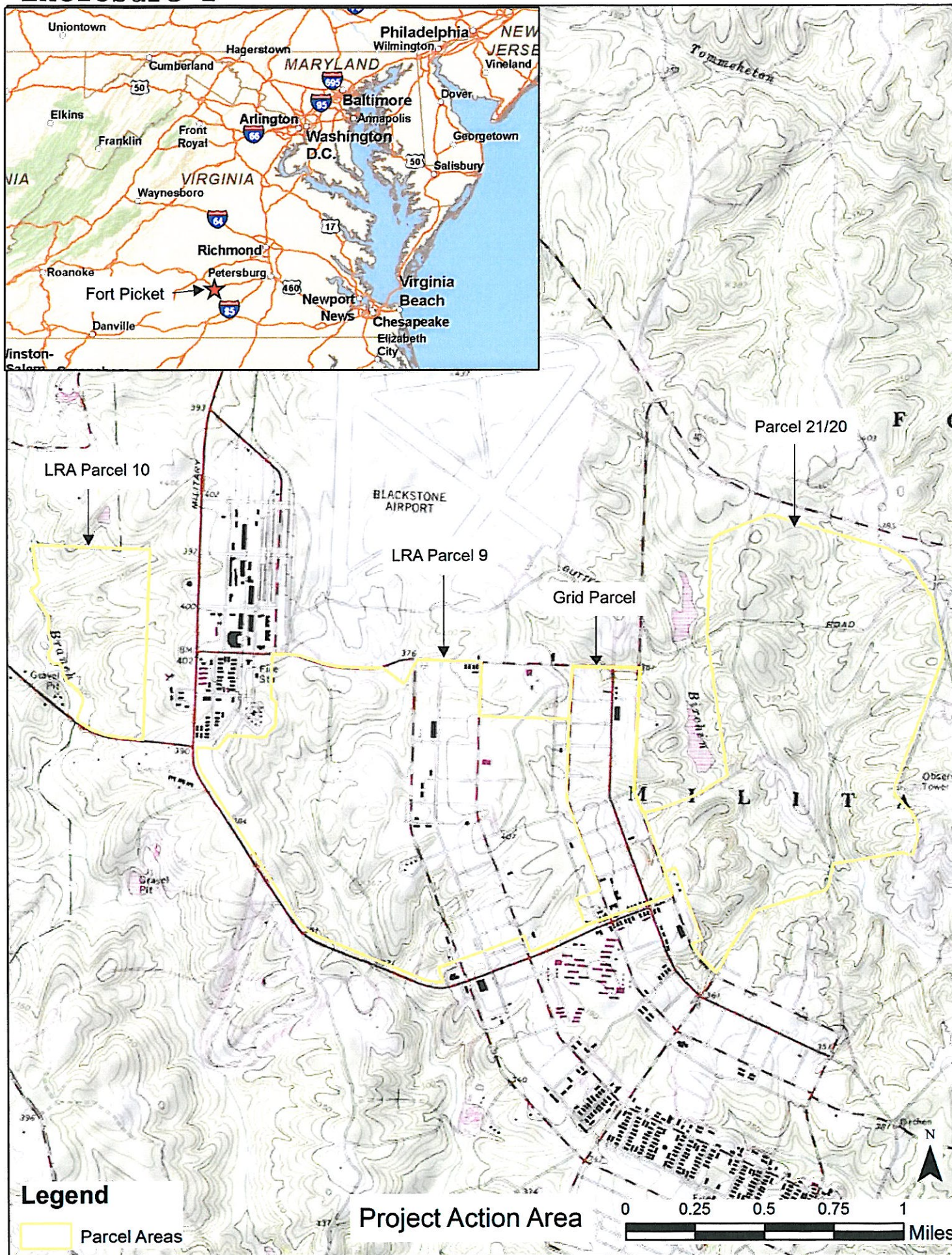
USFWS 2003b. Recovery Plan for the Red-cockaded Woodpecker (*Picoides borealis*): Second Revision. January 27, 2003.

USFWS 1993. Dwarf Wedge Mussel (*Alasmodonta heterodon*) Recovery Plan. February 8, 1993.

VAARNG 2007. Draft Final Revision Integrated Natural Resources Management Plan and Environmental Assessment Fort Pickett Maneuver Training Center Blackstone, Virginia. FY 2007.

Wolf 2010. Department of Defense Legacy Resource Management Program. Project Number 09-450. Propagation of Species At Risk Atlantic Pigtoe on Military Installations. April 30, 2010.

Enclosure 1





VaFWIS Search Report Compiled on 5/14/2012, 11:47:00 AM[Help](#)

Observations reported or potential habitat occurs within a **3 mile radius around point**
37,03,22.2 -77,57,08.6
 in **135 Nottoway County, VA**

[View Map of
Site Location](#)

353 Known or Likely Species ordered by Status Concern for Conservation
 (displaying first 21) (21 species with Status* or Tier I** or Tier II**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name
010214	FESE	I	Logperch, Roanoke	Percina rex
060003	FESE	II	Wedgemussel, dwarf	Alasmodonta heterodon
040129	ST	I	Sandpiper, upland	Bartramia longicauda
040293	ST	I	Shrike, loggerhead	Lanius ludovicianus
040385	ST	I	Sparrow, Bachman's	Aimophila aestivalis
040093	FSST	II	Eagle, bald	Haliaeetus leucocephalus
060173	FSST	II	Pigtoe, Atlantic	Fusconaia masoni
010070	ST	IV	Shiner, whitemouth	Notropis alborus
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans
060029	FS	III	Lance, yellow	Elliptio lanceolata
070105	FS	III	Crayfish, Chowanoke	Orconectes virginianensis
030063	CC	III	Turtle, spotted	Clemmys guttata
010077		I	Shiner, bridge	Notropis bifrenatus
040225		I	Sapsucker, yellow-bellied	Sphyrapicus varius
040319		I	Warbler, black-throated green	Dendroica virens
010174		II	Bass, Roanoke	Ambloplites cavifrons
040052		II	Duck, American black	Anas rubripes
040213		II	Owl, northern saw-whet	Aegolius acadicus
040105		II	Rail, king	Rallus elegans
040320		II	Warbler, cerulean	Dendroica cerulea
040266		II	Wren, winter	Troglodytes troglodytes

To view **All 353 species** [View 353](#)

* FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FC=Federal Candidate;
 FS=Federal Species of Concern; CC=Collection Concern

** I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II -
 Very High Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan -
 Tier IV - Moderate Conservation Need

NOTE: For ESA consultation purposes only those species listed as state or federally threatened or endangered were addressed in this correspondence and the entire VaFWIS species list is not enclosed.

Anadromous Fish Use Streams

N/A

Impediments to Fish Passage (2 records)

[View Map of All Fish Impediments](#)

ID	Name	River	View Map
226	BUTTERWOOD LAKE UPPER DAM	BIRCHIN CREEK	Yes
227	BUTTERWOOD LOWER DAM	BIRCHIN CREEK	Yes

Threatened and Endangered Waters

N/A

Managed Trout Streams

N/A

Bald Eagle Concentration Areas and Roosts

N/A

Bald Eagle Nests

N/A

Habitat Predicted for Aquatic WAP Tier I & II Species (3 Reaches)

[View Map Combined Reaches from Below of Habitat Predicted for WAP Tier I & II Aquatic Species](#)

Stream Name	Tier Species						View Map
	Highest TE*	BOVA Code, Status*, Tier**, Common & Scientific Name					
Birchin Creek (03010201)	FESE	010214	FESE	I	Logperch, Roanoke	Percina rex	Yes
		060173	FSST	II	Pigtoe, Atlantic	Fusconaia masoni	
Hurricane Branch (03010201)	FESE	010214	FESE	I	Logperch, Roanoke	Percina rex	Yes
		060173	FSST	II	Pigtoe, Atlantic	Fusconaia masoni	
Tommeheton Creek (03010201)	FESE	010214	FESE	I	Logperch, Roanoke	Percina rex	Yes
		060173	FSST	II	Pigtoe, Atlantic	Fusconaia masoni	

Habitat Predicted for Terrestrial WAP Tier I & II Species

BOVA Code	Status*	Tier**	Common Name	Scientific Name	View Map
040385	ST	I	Sparrow, Bachman's	Aimophila aestivalis	Yes

Virginia Breeding Bird Atlas Blocks (6 records)

[View Map of All Query Results
Virginia Breeding Bird Atlas Blocks](#)

BBA ID	Atlas Quadrangle Block Name	Breeding Bird Atlas Species			View Map
		Different Species	Highest TE*	Highest Tier**	
47054	Blackstone East, CE	73		IV	Yes
47053	Blackstone East, CW	73		IV	Yes
47052	Blackstone East, NE	72		IV	Yes
47051	Blackstone East, NW	68		III	Yes
47056	Blackstone East, SE	63		IV	Yes
47055	Blackstone East, SW	71		IV	Yes

Public Holdings: (1 names)

Name	Agency	Level
Fort Pickett Military Reservation	U.S. Dept. of Army	Federal

Summary of BOVA Species Associated with Cities and Counties of the Commonwealth of Virginia:

FIPS Code	City and County Name	Different Species	Highest TE	Highest Tier
135	Nottoway	334	FESE	I

USGS 7.5' Quadrangles:

Blackstone West
Blackstone East

USGS NRCS Watersheds in Virginia:

N/A

USGS National 6th Order Watersheds Summary of Wildlife Action Plan Tier I, II, III, and IV Species:

HU6 Code	USGS 6th Order Hydrologic Unit	Different Species	Highest TE	Highest Tier
CU07	Nottoway River-Cedar Creek	60	FESE	I
CU08	Hurricane Branch-Long Branch	52	FESE	I
CU10	Tommehton Creek	54	FESE	I
JA30	Cellar Creek	48	FSST	I

Site Location

37,03,22.1 -77,57,08.5

is the Search Point

Show Position Rings

☒ Yes ☐ No

1 mile and 1/4 mile at the Search Point

Show Search Area

☒ Yes ☐ No

3 Search distance miles radius

Search Point is at map center

Base Map Choices

Topography

Map Overlay Choices

Current List: Position, Search, BECAR, BAEANests, TEWaters, TierII, Habitat, Trout, Anadromous

Map Overlay Legend

T & E Waters

Federal

State

Trout Waters

Class I - IV

Class V - VI

Anadromous Fish Reach

Confirmed

Potential

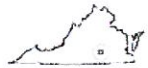
J23

Impediment

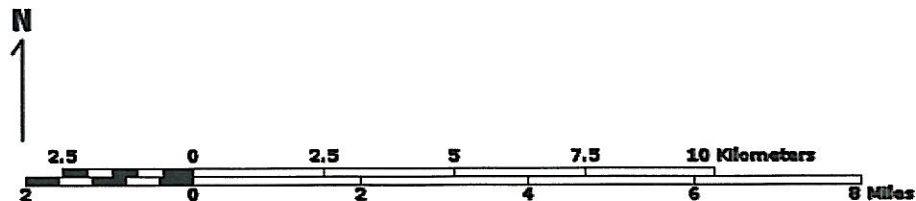
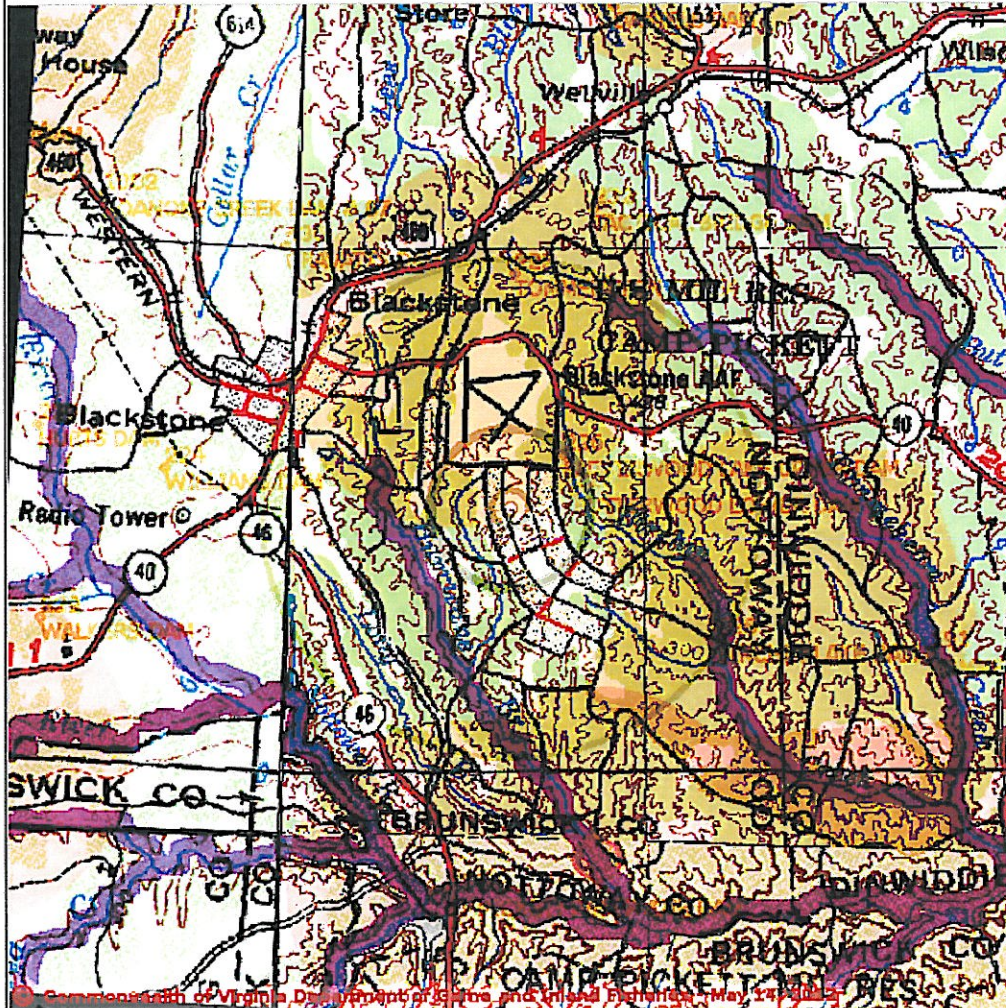
Position Rings

1 mile and 1/4 mile at the

Virginia Fish and Wildlife Information Service



Map Click **Pan** **Id** **M** Map Scale **In** **Zoom** **Out** Screen Size **Small** **Size** **Big** [Help](#) [Refresh Browser Page](#)



Point of Search 37,03,22.1 -77,57,08.5

Map Location 37,03,22.1 -77,57,08.5

Search Point**3 mile radius
Search Area****Bald Eagle
Concentration Areas
and Roosts****Bald Eagle Nests****Data
Observation Site**Select **Coordinate System:** ☒ Degrees, Minutes, Seconds Latitude - Longitude☐ Decimal Degrees Latitude - Longitude☐ Meters UTM NAD83 East North Zone☐ Meters UTM NAD27 East North ZoneBase Map source: USGS 1:250,000 topographic maps (see Microsoft.terraserver-usa.com for details)

Map projection is UTM Zone 18 NAD 1983 with left 227881 and top 4114797. Pixel size is 32 meters. Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 19200 meters east to west by 19200 meters north to south for a total of 368.6 square kilometers. The map display represents 63002 feet east to west by 63002 feet north to south for a total of 142.3 square miles.

A UTM Zone change occurs within the image. The left-hand side of the image is a pseudo projection from UTM Zone 17 into UTM Zone 18 resulting in reduced spatial accuracy within the portion of the image occurring in UTM Zone 17.

Topographic maps and Black and white aerial photography for year 1990+- are from the United States Department of the Interior, United States Geological Survey. Color aerial photography acquired 2002 is from Virginia Base Mapping Program, Virginia Geographic Information Network.

Shaded topographic maps are from TOPO! ©2006 National Geographic

<http://www.national.geographic.com/topo>

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map assembled 2012-05-14 11:48:05 (qa/qc December 1, 2011 15:16 - tn=395878.0
dist=4827 Visitor)

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		0	
	Submit Query		



Project name: FASTC

Official Species-list: *FASTC*

Virginia Ecological Services Field Office

Following is an official U.S. Fish and Wildlife Service species-list from the Virginia Ecological Services Field Office. The species-list identifies listed and proposed species and designated and proposed critical habitat that may be affected by the project "FASTC". You may use this list to meet the requirements of section 7(c) of the Endangered Species Act of 1973, as amended (ESA).

This species-list has been generated by the Service's on-line Information, Planning, and Conservation (IPaC) decision support system based on project type and location information you provided on March 23, 2012, 9:35 AM. This information is summarized below.

Please reference our tracking number, 05E2VA00-2012-SLI-0488, in future reference to this project to assist in expediting the process.

Newer information based on updated surveys, changes in the abundance and distribution of listed species, changed habitat conditions, or other factors could change this list. Please feel free to contact the office(s) identified below if you need more current information or assistance regarding the potential presence of federally proposed, listed, or candidate species, or proposed or designated critical habitat. Please note that under the ESA, a species-list is valid for 90 days. Therefore, the Service recommends that you visit the IPaC site at regular intervals during project planning and implementation for updates to species-lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive this list. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

This list below only addresses federally proposed, listed, or candidate species and federally designated critical habitat. Please contact the appropriate State agencies for information regarding State species of special designation. Also, please feel free to contact the office(s) identified below if you would like information on other important trust resources (such as migratory birds) in your project area.



United States Department of Interior
Fish and Wildlife Service

Project name: FASTC

This Species-list document is provided by:

VIRGINIA ECOLOGICAL SERVICES FIELD OFFICE

6669 SHORT LANE

GLOUCESTER, VA 23061

(804) 693-6694

<http://www.fws.gov/northeast/virginiafield/>

TAILS consultation code: 05E2VA00-2012-SLI-0488

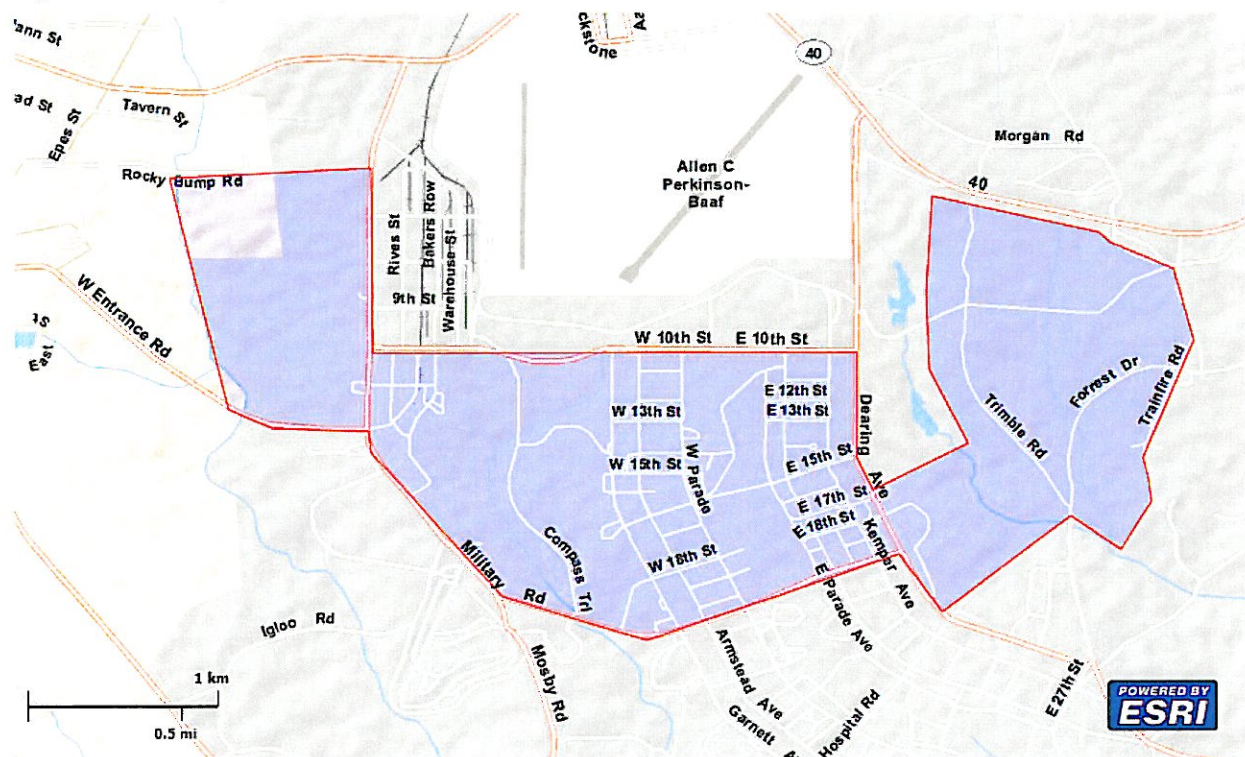
Project type: Development



United States Department of Interior
Fish and Wildlife Service

Project name: FASTC

Project location map:



Project coordinates: MULTIPOLYGON (((-77.983716 37.074628, -77.9717855 37.0752288, -77.9716997 37.0643283, -77.9432039 37.0643283, -77.9432039 37.0581485, -77.942174 37.0561744, -77.9365091 37.058921, -77.9388266 37.0632984, -77.9389982 37.0678474, -77.9386549 37.0735122, -77.9287844 37.0713664, -77.9280977 37.0707656, -77.924407 37.0692207, -77.9232054 37.065015, -77.9262094 37.0580627, -77.9258661 37.0568611, -77.9256945 37.0554878, -77.9274969 37.0526554, -77.9304152 37.0546295, -77.9380541 37.0489646, -77.940629 37.0523979, -77.9554777 37.0473339, -77.9640608 37.0499088, -77.9717855 37.058406, -77.9719572 37.0596935, -77.977622 37.0598651, -77.980197 37.0609809, -77.983716 37.074628)))

Project counties: Nottoway, VA



United States Department of Interior
Fish and Wildlife Service

Project name: FASTC

Endangered Species Act Species-list

Dwarf wedgemussel (*Alasmodonta heterodon*)

Listing Status: Endangered

Michaux's sumac (*Rhus michauxii*)

Listing Status: Endangered

Roanoke logperch (*Percina rex*)

Listing Status: Endangered

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THE BOARD OF SUPERVISORS
NOTTOWAY COUNTY

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P. O. BOX 92
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BUILDING INSPECTOR
A. Q. ELLINGTON, III

COUNTY PLANNER
STEVE D. FERGUSON

March 14, 2012

Ms. Abby Low
United States General Services Administration
20 North 8th Street
Philadelphia, PA 19107

Dear Ms. Low,

Enclosed is a resolution from the Nottoway County, Virginia, Planning Commission. The resolution states that this body has found no conflict between the County's Comprehensive Plan and the proposed Foreign Affairs Training Center (FASTC). Additionally, the resolution also states the Planning Commission's support of the planned project.

Please consider this document as further evidence of overall community support for the location of FASTC in Pickett Park.

Respectfully,

A handwritten signature in black ink, reading "John N. Prosise". The signature is written in a cursive, flowing style.

John N. Prosise

Nottoway County Planning Commission

RESOLUTION OF SUPPORT

Whereas, the Nottoway County Planning Commission is an advisory body to the Nottoway County Board of Supervisors on matters concerning land use, and

Whereas, the Nottoway County Planning Commission has been charged with the responsibility of developing the County's Comprehensive Plan, Zoning Ordinance and Zoning Map, for the Board of Supervisors' approval, and

Whereas, the Nottoway County Planning Commission has knowledge of the proposed Federal project known as the Foreign Affairs Security Training Center considered for County property at Pickett Park, and

Whereas the Planning Commission has not determined there to be any conflicts or negative impacts this project may have with the Comprehensive Plan or Zoning objectives meant to benefit the citizens of Nottoway County.

Now, therefore, the Nottoway County Planning Commission gives it support to the proposed Foreign Affairs Security Training Center as it is now planned for the area of Nottoway County known as Pickett Park.

Approved this day, March 13, 2012, by a vote of 8 for and 0 against.



Chairman

OFFICE OF
THE BOARD OF SUPERVISORS
NOTTOWAY COUNTY



P. O. BOX 92
344 W. COURTHOUSE RD.
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A. Q. ELLINGTON, III

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DISTRICT 1
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DISTRICT 2

September 11, 2012

Ms. Abby Low
General Services Administration
20 North 8th Street
Philadelphia, PA 19107

Dear Ms. Low,

Upon my return to the office today and reviewing county zoning information, please note that parcel #10 at Pickett Park is zoned General Business.

Until recently and unlike other Pickett Park parcels, parcel #10 carried no zoning designation since its transfer from the Federal Government to Nottoway County. The current zoning designation is relatively flexible in the uses it permits.

Thank you for your patience with me in confirmation of this information.

Respectfully,

John N. Prosis

From: [Jones, Dennis - NRCS, Farmville, VA](#)
To: [Coniff, Todd D.](#)
Cc: [Hall, Kathy E.](#); [Nicholson, John - NRCS, Rustburg, VA](#)
Subject: RE: FASTC Parel Soils
Date: Tuesday, October 09, 2012 9:46:24 AM
Attachments: [image001.png](#)
[GSA.FASTC.Pickett.pdf](#)

Todd,

I have completed parts 2,3,4,5 of the AD 1006 Farmland Conversion Impact Rating for the FASTC Project at Fort Pickett, Blackstone Virginia. The form is attached.

Dennis H. Jones
District Conservationist
100-B Dominion Drive
Farmville, Va. 23901
434-392-4127, x 101
dennis.jones@va.usda.gov

From: Coniff, Todd D. [<mailto:Todd.Coniff@cardnotec.com>]
Sent: Wednesday, October 03, 2012 12:03 PM
To: Jones, Dennis - NRCS, Farmville, VA
Cc: Hall, Kathy E.
Subject: FASTC Parel Soils

Dennis attached you will find soil maps with the project footprint overlayed for the three parcels.

Please note that there are areas from the CAD that show buffer areas and do not involve any construction/disturbance. This is mainly on 21/20 and on the tracks in the northern portion of LRA 9.

Please let me know if you need any addition information.

Todd Coniff
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U.S. Department of Agriculture

FARMLAND CONVERSION IMPACT RATING

PART I (To be completed by Federal Agency)		Date Of Land Evaluation Request 10/3/12	
Name Of Project FASTC		Federal Agency Involved GSA	
Proposed Land Use Foreign Affairs Security Training Center		County And State Nottoway, VA	
PART II (To be completed by NRCS)		Date Request Received By NRCS 10/3/12	
Does the site contain prime, unique, statewide or local important farmland? (If no, the FPPA does not apply - do not complete additional parts of this form).		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Major Crop(s) Corn	Farmable Land In Govt. Jurisdiction Acres: 166,000 % 84	Acres Irrigated 0	Average Farm Size 178 ac
Name Of Land Evaluation System Used LESA	Name Of Local Site Assessment System None	Amount Of Farmland As Defined In FPPA Acres: 135,322 % 69	
		Date Land Evaluation Returned By NRCS 10/5/12	
PART III (To be completed by Federal Agency)		Alternative Site Rating	
		Site A	Site B
A. Total Acres To Be Converted Directly		14.0	19.0
B. Total Acres To Be Converted Indirectly		25.0	40.0
C. Total Acres In Site		39.0	59.0
PART IV (To be completed by NRCS) Land Evaluation Information			
A. Total Acres Prime And Unique Farmland		42.5	0
B. Total Acres Statewide And Local Important Farmland		33.1	0
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted		0.055%	0.28%
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value		86%	86%
PART V (To be completed by NRCS) Land Evaluation Criterion			
Relative Value Of Farmland To Be Converted (Scale of 0 to 100 Points)		0 67.4	0 70.8
		0 —	0 71.9
PART VI (To be completed by Federal Agency)			
Site Assessment Criteria (These criteria are explained in 7 CFR 658.5(b))		Maximum Points	All of FASTC
1. Area In Nonurban Use		8	8
2. Perimeter In Nonurban Use		4	4
3. Percent Of Site Being Farmed		0	0
4. Protection Provided By State And Local Government		0	0
5. Distance From Urban Builtup Area		3	3
6. Distance To Urban Support Services		0	0
7. Size Of Present Farm Unit Compared To Average		6	6
8. Creation Of Nonfarmable Farmland		10	10
9. Availability Of Farm Support Services		5	5
10. On-Farm Investments		0	0
11. Effects Of Conversion On Farm Support Services		0	0
12. Compatibility With Existing Agricultural Use		0	0
TOTAL SITE ASSESSMENT POINTS	160	0 36	0 36
PART VII (To be completed by Federal Agency)			
Relative Value Of Farmland (From Part V)		100	0 36
Total Site Assessment (From Part VI above or a local site assessment)		160	0 67.4
TOTAL POINTS (Total of above 2 lines)		260	0 103.4
			0 106.8
			0 107.9
Site Selected:		Date Of Selection	
Reason For Selection:		Was A Local Site Assessment Used? Yes <input type="checkbox"/> No <input type="checkbox"/>	

(See Instructions on reverse side)

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